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Tracing origins and migration of wildlife using stable isotopes: a review

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1277	Identifying migratory <i>Salmo trutta</i> using carbon and nitrogen stable isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 1325-31	2.2	84
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952	Sources of protein in two semi-arid zone mistletoe specialists: Insights from stable isotopes. <b>2009</b> , 34, 821-828		6
951	Isotopic evidence for endogenous protein contributions to greylag goose <i>Anser anser</i> flight feathers. <b>2009</b> , 40, 108-112		21
950	Feather isotope analysis discriminates age-classes of Western, Least, and Semipalmated sandpipers when plumage methods are unreliable. <b>2009</b> , 80, 51-63		4
949	Stable isotope signal homogeneity and differences between and within pinniped muscle and skin. <i>Marine Mammal Science</i> , <b>2009</b> , 26, 176-185	1.9	15
948	Sexual dimorphism in bill morphology and feeding ecology in Cory's shearwater ( <i>Calonectris diomedea</i> ). <b>2009</b> , 112, 128-38		40
947	Dispersal abilities of adult click beetles in arable land revealed by analysis of carbon stable isotopes. <b>2009</b> , 11, 333-339		38
946	ASE extraction method for simultaneous carbon and nitrogen stable isotope analysis in soft tissues of aquatic organisms. <b>2009</b> , 643, 54-60		51
945	Deuterium Measurements of Raptor Feathers: Does a Lack of Reproducibility Compromise Geographic Assignment?. <b>2009</b> , 126, 41-46		26
944	Using Hydrogen Isotopes to Assign Origins of Bats in the Eastern United States. <b>2009</b> , 90, 743-751		27
943	Detecting changes in habitat-scale bee foraging in a tropical fragmented landscape using stable isotopes. <b>2009</b> , 258, 1846-1855		16
942	Reconstructing faunal migrations using intra-tooth sampling and strontium and oxygen isotope analyses: a case study of modern caribou ( <i>Rangifer tarandus granti</i> ). <b>2009</b> , 36, 1163-1172		118
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935	Wolverine Confirmation in California after Nearly a Century: Native or Long-Distance Immigrant?. <b>2009</b> , 83, 154-162		29
934	Carbon and nitrogen stable isotope turnover rates and diet-tissue discrimination in Florida manatees ( <i>Trichechus manatus latirostris</i> ). <b>2009</b> , 212, 2349-55		26
933	Gene-expression signatures of Atlantic salmon's plastic life cycle. <b>2009</b> , 163, 278-84		42
932	Stable-isotope Analysis of Diets of Short-tailed Fruit Bats (Chiroptera: Phyllostomidae: Carollia). <b>2009</b> , 90, 1469-1477		31
931	Mesoscale patterns of altitudinal tenancy in migratory wood warblers inferred from stable carbon isotopes. <b>2009</b> , 19, 1264-73		5
930	Stable Isotope Analysis for Tracing the Geographical Origin of Beef. <b>2009</b> , 58, 1023-1028		4
929	Using Isoscapes to Trace the Movements and Foraging Behavior of Top Predators in Oceanic Ecosystems. <b>2010</b> , 299-318		213
928	Longitudinal and vertical trends in stable isotope signatures ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) of omnivorous and carnivorous copepods across the South Atlantic Ocean. <b>2010</b> , 157, 463-471		20
927	Central place foraging by breeding Cook's petrel <i>Pterodroma cookii</i> : foraging duration reflects range, diet and chick meal mass. <b>2010</b> , 157, 2187-2194		18
926	Freshwater migration and feeding habits of juvenile temperate seabass <i>Lateolabrax japonicus</i> in the stratified Yura River estuary, the Sea of Japan. <i>Fisheries Science</i> , <b>2010</b> , 76, 643-652	1.9	23
925	The use of stable isotopes to trace small-scale movements by small fish species. <b>2010</b> , 641, 23-31		8
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923	Has the invasive round goby caused new links in Baltic food webs?. <b>2010</b> , 89, 79-93		43
922	Stable isotopes confirm a foraging dichotomy in juvenile loggerhead sea turtles. <b>2010</b> , 387, 44-51		85
921	The use of stable isotope analyses from skin biopsy samples to assess trophic relationships of sympatric delphinids off Moorea (French Polynesia). <b>2010</b> , 395, 48-54		28
920	Nutritional support of estuary perch ( <i>Macquaria colonorum</i> ) in a temperate Australian inlet: Evaluating the relative importance of invasive <i>Spartina</i> . <b>2010</b> , 90, 159-167		15

919	Element patterns in albatrosses and petrels: influence of trophic position, foraging range, and prey type. <i>Environmental Pollution</i> , <b>2010</b> , 158, 98-107	9.3	44
918	delta15N and delta13C diet-tissue discrimination factors for large sharks under semi-controlled conditions. <b>2010</b> , 155, 445-53		149
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916	Tracing geographic and temporal trafficking patterns for marijuana in Alaska using stable isotopes (C, N, O and H). <b>2010</b> , 202, 45-53		36
915	Measurements of nitrogen isotope composition of plants and surface soils along the altitudinal transect of the eastern slope of Mount Gongga in southwest China. <i>Rapid Communications in Mass Spectrometry</i> , <b>2010</b> , 24, 3063-71	2.2	30
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912	Stable isotope and molecular analyses indicate that hybridization with non-native domesticated common carp influence habitat use of native carp. <b>2010</b> , 119, 964-971		6
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910	Spatial heterogeneity of trophic pathways in the invertebrate community of a temperate bog. <b>2010</b> , 55, 450-462		3
909	Tracing energy flow in stream food webs using stable isotopes of hydrogen. <b>2010</b> , 55, 941-951		54
908	Carbon isotope fractionation of amino acids in fish muscle reflects biosynthesis and isotopic routing from dietary protein. <i>Journal of Animal Ecology</i> , <b>2010</b> , 79, 1132-41	4.7	142
907	Behavioural responses of invasive American mink <i>Neovison vison</i> to an eradication campaign, revealed by stable isotope analysis. <b>2010</b> , 47, 114-120		22
906	Has habitat heterogeneity promoted phenotypic and ecological sub-structuring among a <i>Coregonus lavaretus</i> population in a large Scottish lake?. <b>2010</b> , 77, 2391-404		7
905	Linking Canadian Harvested Juvenile American Black Ducks to Their Natal Areas Using Stable Isotope ( $D$ , $\delta^{13}C$ , and $\delta^{15}N$ ) Methods. <b>2010</b> , 5,		14
904	Variability in isotope discrimination factors in coral reef fishes: implications for diet and food web reconstruction. <i>PLoS ONE</i> , <b>2010</b> , 5, e13682	3.7	45
903	Tracing water sources of terrestrial animal populations with stable isotopes: laboratory tests with crickets and spiders. <i>PLoS ONE</i> , <b>2010</b> , 5, e15696	3.7	12
902	Exposure to cold but not exercise increases carbon turnover rates in specific tissues of a passerine. <b>2010</b> , 213, 526-34		26

901	Neotropical Winter Habitat of the Magnolia Warbler: Effects on Molt, Energetic Condition, Migration Timing, and Hematozoan Infection During Spring Migration. <b>2010</b> , 112, 115-122		16
900	Limited diversity in natal origins of immature anadromous fish during ocean residency. <b>2010</b> , 67, 1699-1707		15
899	Catch Rates and Biological Characteristics of Bluntnose Sixgill Sharks in Puget Sound. <b>2010</b> , 139, 108-116		19
898	Using stable isotopes to trace resource acquisition and trophic position in four Afrotropical birds with different diets. <b>2010</b> , 81, 273-275		8
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892	Isotopic investigation of pre-Hispanic macaw breeding in Northwest Mexico. <b>2010</b> , 29, 125-135		67
891	Biological influences on inter- and intraspecific isotopic variability among paired chondrostome fishes. <b>2010</b> , 333, 613-21		2
890	Investigation of the geographical origin and migration of anchovy <i>Engraulis japonicus</i> in Tachibana Bay, Japan: A stable isotope approach. <b>2010</b> , 102, 217-220		20
889	Integration of natural and artificial markers in a mixed stock analysis of Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ). <b>2010</b> , 102, 152-159		20
888	Climate information from C, N and O stable isotope analyses of mammoth bones from northern Siberia. <i>Quaternary International</i> , <b>2010</b> , 212, 206-212	2	26
887	A 'feather-trap' for collecting DNA samples from birds. <b>2010</b> , 10, 129-34		9
886	Isoscapes. <b>2010</b> ,		124
885	Evidence for discrete subpopulations of sea perch ( <i>Helicolenus ercooides</i> ) across four fjords in Fiordland, New Zealand. <b>2010</b> , 44, 309-322		14
884	Trophic relationships of breeding Red-necked Grebes ( <i>Podiceps grisegena</i> ) on wetlands with and without fish in the Aspen Parkland. <b>2010</b> , 88, 186-194		9

883	Nutritional importance of seeds and arthropods to painted spiny pocket mice ( <i>Lyomys pictus</i> ): the effects of season and forest degradation. <b>2010</b> , 88, 1226-1234		6
882	Using Carbon and Nitrogen Stable Isotopes to Distinguish the Locations of Feather Growth in Osprey ( <i>Pandion haliaetus</i> ). <b>2011</b> , 161, 61-72		1
881	Stable Nitrogen and Carbon Isotopes May Not Be Good Indicators of Altitudinal Distributions of Montane Passerines. <b>2011</b> , 123, 33-47		4
880	Estimating Proportional Contributions of Migratory Bull Trout from Hierarchical Populations to Mixed-Stock Recreational Fisheries Using Genetic and Trapping Data. <b>2011</b> , 140, 345-355		8
879	Assessment of claw growth-layer groups from ringed seals ( <i>Pusa hispida</i> ) as biomonitors of inter- and intra-annual Hg, $\delta^{15}\text{N}$ , and $\delta^{13}\text{C}$ variation. <b>2011</b> , 89, 774-784		20
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877	Connectivity of Estuaries. <b>2011</b> , 119-142		4
876	Avian embryonic development does not change the stable isotope composition of the calcite eggshell. <b>2011</b> , 23, 339-45		13
875	Reproductive consequences of migration decisions by Ipswich Sparrows ( <i>Passerculus sandwichensis princeps</i> ). <b>2011</b> , 89, 100-108		10
874	A genetic characterization of European Woodcock ( <i>Scolopax rusticola</i> , Charadriidae, Charadriiformes) overwintering in Italy. <b>2011</b> , 78, 146-156		2
873	Contemporary and historical separation of transequatorial migration between genetically distinct seabird populations. <b>2011</b> , 2, 332		59
872	Variation in Maize Consumption by Brown Bears ( <i>Ursus arctos</i> ) in Two Coastal Areas of Hokkaido, Japan. <b>2011</b> , 36, 33-39		34
871	Life history variation in upper Columbia River Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ): a comparison using modern and ~500-year-old archaeological otoliths. <b>2011</b> , 68, 603-617		30
870	Application of sulphur isotope ratios to examine weaning patterns and freshwater fish consumption in Roman Oxfordshire, UK. <b>2011</b> , 75, 4963-4977		82
869	Alternative growth histories in populations of Lake Superior brook trout: Critical support for partial migration. <b>2011</b> , 144, 1931-1939		20
868	Stable isotope profiles of large marine predators: viable indicators of trophic position, diet, and movement in sharks?. <b>2011</b> , 68, 2029-2045		76
867	Geographic Origins and Timing of Fall Migration of the Veery in Northern Colombia Orígenes y Momento de la Migración de <i>Otocoris alpestris</i> de Catharus fuscescens en el Norte de Colombia. <b>2011</b> , 113, 860-868		21
866	Potential and Limits in Detecting Altitudinal Movements of Bats using Stable Hydrogen Isotope Ratios of Fur Keratin. <b>2011</b> , 13, 431-438		14



865	Tracking large carnivore dispersal using isotopic clues in claws: an application to cougars across the Great Plains. <b>2011</b> , 2, 489-499		24
864	Backtracking the movements of a migratory bird: a case study of a white-fronted goose ( <i>Anser albifrons</i> ). <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 3146-50	2.2	4
863	Isotopic signatures ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) of muscle, carapace and claw in <i>Phrynops geoffroanus</i> (Testudines: Chelidae). <i>Zoologia</i> , <b>2011</b> , 28, 407-410	2	6
862	Use of sulphur and carbon stable-isotope composition of fish scales and muscles to identify the origin of fish. <b>2011</b> , 42, 33-37		6
861	Locations of marine animals revealed by carbon isotopes. <b>2011</b> , 1, 21		67
860	Stable isotope ratios in winter-grown feathers of Great Reed Warblers <i>Acrocephalus arundinaceus</i> , Clamorous Reed Warblers <i>A. stentoreus</i> and their hybrids in a sympatric breeding population in Kazakhstan. <b>2011</b> , 153, 502-508		8
859	Common dolphin morphotypes: Niche segregation or taxonomy?. <b>2011</b> , 284, 239-247		9
858	Augmenting superpopulation capture-recapture models with population assignment data. <b>2011</b> , 67, 691-700		7
857	High variation reduces the value of feather stable isotope ratios in identifying new wintering areas for aquatic warblers <i>Acrocephalus paludicola</i> in West Africa. <b>2011</b> , 42, 342-354		19
856	Migration ecology of juvenile temperate seabass <i>Lateolabrax japonicus</i> : a carbon stable-isotope approach. <b>2011</b> , 78, 2010-25		19
855	The isotope composition of carbon and oxygen in eggshell of barnacle goose <i>Branta leucopsis</i> . <b>2011</b> , 437, 124-7		2
854	Effects of lipid removal and preservatives on carbon and nitrogen stable isotope ratios of squid tissues: Implications for ecological studies. <b>2011</b> , 407, 101-107		46
853	Strontium isotope evidence for migration in late Pleistocene <i>Rangifer</i> : implications for Neanderthal hunting strategies at the Middle Palaeolithic site of Jonzac, France. <b>2011</b> , 61, 176-85		106
852	Sea, freshwater or salt pans? Foraging ecology of terns to assess mercury inputs in a wetland landscape: The Ebro Delta. <b>2011</b> , 92, 188-194		14
851	Assessing waterbird habitat use in coastal evaporative systems using stable isotopes ( $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ and $\text{D}$ ) as environmental tracers. <b>2011</b> , 92, 217-222		14
850	A new method to reconstruct fish diet and movement patterns from $\delta^{13}\text{C}$ values in otolith amino acids. <b>2011</b> , 68, 1330-1340		54
849	On the Use of Stable Isotopes in Trophic Ecology. <b>2011</b> , 42, 411-440		584
848	Patterns of stable carbon isotope turnover in gag, <i>Mycteroperca microlepis</i> , an economically important marine piscivore determined with a non-lethal surgical biopsy procedure. <b>2011</b> , 90, 243-252		29

847	15N fractionation between vegetation, soil, faeces and wool is not influenced by stocking rate. <b>2011</b> , 340, 25-33		16
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845	Does avian malaria infection affect feather stable isotope signatures?. <i>Oecologia</i> , <b>2011</b> , 167, 937-42	2.9	2
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843	Variation in deuterium (D) signatures of Yellow Warbler <i>Dendroica petechia</i> feathers grown on breeding and wintering grounds. <i>Journal of Ornithology</i> , <b>2011</b> , 152, 93-101	1.5	10
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841	Isotopic ornithology: a perspective. <i>Journal of Ornithology</i> , <b>2011</b> , 152, 49-66	1.5	79
840	Dietary isotopic discrimination in gentoo penguin ( <i>Pygoscelis papua</i> ) feathers. <b>2011</b> , 34, 1057-1063		30
839	Stable isotopes in southern rockhopper penguins: foraging areas and sexual differences in the non-breeding period. <b>2011</b> , 34, 1763-1773		31
838	Stable isotope analysis in two sympatric populations of bottlenose dolphins <i>Tursiops truncatus</i> : evidence of resource partitioning?. <b>2011</b> , 158, 1043-1055		61
837	Temporal and spatial variation in the $\delta^{15}N$ and $\delta^{13}C$ values of fish and squid from Alaskan waters. <b>2011</b> , 158, 2389-2404		34
836	Foraging ecology of leatherback sea turtles in the Western North Atlantic determined through multi-tissue stable isotope analyses. <b>2011</b> , 158, 2813-2824		37
835	Trophic Resource Overlap Between Small Elasmobranchs and Sympatric Teleosts in Mid-Atlantic Bight Nearshore Habitats. <b>2011</b> , 34, 391-404		24
834	Isotopic Determination of Food Web Origins in Restoring and Ancient Estuarine Wetlands of the San Francisco Bay and Delta. <b>2011</b> , 34, 597-617		27
833	Stable isotope analysis reveals ontogenetic migration and the importance of a large mangrove estuary as a feeding ground for juvenile John's snapper <i>Lutjanus johnii</i> . <i>Fisheries Science</i> , <b>2011</b> , 77, 809-816	1.9	17
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831	Effects of formalin preservation on stable carbon and nitrogen isotope signatures in Calanoid copepods: implications for the use of Continuous Plankton Recorder Survey samples in stable isotope analyses. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1794-800	2.2	19
830	Carbon and oxygen isotope analysis of small carbonate samples (20 to 100 $\mu g$ ) with a GasBench II preparation device. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1910-4	2.2	81

829	Improved online $\delta^{18}\text{O}$ measurements of nitrogen- and sulfur-bearing organic materials and a proposed analytical protocol. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 2049-58	2.2	36
828	Investigation of preparation techniques for $\delta^2\text{H}$ analysis of keratin materials and a proposed analytical protocol. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 2209-22	2.2	57
827	Can deuterium stable isotope values be used to assign the geographic origin of an auxiliary hoverfly in south-western France?. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 2793-8	2.2	11
826	Geographical origin differentiation of saffron spice ( <i>Crocus sativus</i> L. stigmas) - Preliminary investigation using chemical and multi-element (H, C, N) stable isotope analysis. <b>2011</b> , 128, 543-8		67
825	Temporal variation of oxygen isotope ratios ( $\delta^{18}\text{O}$ ) in drinking water: implications for specifying location of origin with human scalp hair. <b>2011</b> , 208, 156-66		57
824	Stable isotopes of captive cetaceans (killer whales and bottlenose dolphins). <b>2011</b> , 214, 538-45		72
823	Trophic Levels of North Pacific Humpback Whales ( <i>Megaptera novaeangliae</i> ) Through Analysis of Stable Isotopes: Implications on Prey and Resource Quality. <b>2011</b> , 37, 101-110		22
822	Conspicuous Eggs and Colourful Hypotheses: Testing the Role of Multiple Influences on Avian Eggshell Appearance. <b>2011</b> , 4, 185-195		18
821	Spatial patterns in zooplankton communities across the eastern Canadian sub-Arctic and Arctic waters: insights from stable carbon ( $\delta^{13}\text{C}$ ) and nitrogen ( $\delta^{15}\text{N}$ ) isotope ratios. <b>2011</b> , 33, 1779-1792		23
820	Relationship between isotope composition of sulphur in sulphate dissolved in river water and sulphur extracted from fish scales. <b>2011</b> , 47, 189-213		5
819	New approaches to determining the origin of food. <b>2011</b> , 238-258		3
818	Assessing dispersal in threatened migratory birds using stable hydrogen isotope ( $\delta^2\text{H}$ ) analysis of feathers. <b>2012</b> , 16, 17-29		34
817	Effects of Garlic Mustard Invasion on Arthropod Diets as Revealed through Stable-Isotope Analyses. <b>2012</b> , 11, 575-588		12
816	Isotopic variation in delphinids from the subtropical western South Atlantic. <b>2012</b> , 92, 1689-1698		40
815	Stable nitrogen and carbon isotope ratios indicate traditional and market food intake in an indigenous circumpolar population. <b>2012</b> , 142, 84-90		54
814	Using stable isotope analysis to understand the migration and trophic ecology of northeastern Pacific white sharks ( <i>Carcharodon carcharias</i> ). <i>PLoS ONE</i> , <b>2012</b> , 7, e30492	3-7	109
813	Strontium isotopes in tap water from the coterminous USA. <b>2012</b> , 3, art67		34
812	Stock-specific variation of trophic position, diet and environmental stress markers in Atlantic salmon <i>Salmo salar</i> during feeding migrations in the Baltic Sea. <b>2012</b> , 81, 1815-33		11

811	Migration strategy affects avian influenza dynamics in mallards ( <i>Anas platyrhynchos</i> ). <b>2012</b> , 21, 5986-99		58
810	Effects of phylogeny and prey type on fatty acid calibration coefficients in three pinniped species: implications for the QFASA dietary quantification technique. <i>Marine Ecology - Progress Series</i> , <b>2012</b> , 467, 263-276	2.6	41
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808	Accounting for the effects of lipids in stable isotope ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values) analysis of skin and blubber of balaenopterid whales. <i>Rapid Communications in Mass Spectrometry</i> , <b>2012</b> , 26, 2745-54	2.2	66
807	Persistent organic pollutants and stable isotopes in pinnipeds from King George Island, Antarctica. <b>2012</b> , 64, 2650-5		26
806	Quantifying dispersal rates and distances in North American martens: a test of enriched isotope labeling. <b>2012</b> , 93, 390-398		9
805	Conservation Physiology Tools: Their Role in Assessing Habitat Quality in Birds. <b>2012</b> , 59,		7
804	Sex and strain differences in isotope turnover rates and metabolism in house mice ( <i>Mus musculus</i> ). <b>2012</b> , 90, 984-990		5
803	Feeding ecology of harbour porpoises: stable isotope analysis of carbon and nitrogen in muscle and bone. <b>2012</b> , 8, 829-841		9
802	Lipid extraction effects on stable isotope values ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) of elasmobranch muscle tissue. <b>2012</b> , 434-435, 7-15		51
801	The relative importance of mangroves and seagrass beds as feeding areas for resident and transient fishes among different mangrove habitats in Florida and Belize: Evidence from dietary and stable-isotope analyses. <b>2012</b> , 434-435, 81-93		51
800	Isotopes as palaeoeconomic indicators: new applications in archaeoentomology. <b>2012</b> , 39, 511-520		7
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762	The analysis method and model of benthic food web on Baiyangdian Lake of China. <b>2012</b> , 13, 1254-1270		1
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759	Habitat partitioning and fine scale population structure among insular bottlenose dolphins ( <i>Tursiops aduncus</i> ) in a tropical lagoon. <b>2012</b> , 416-417, 176-184		20
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749	Ecological niche segregation among five toothed whale species off the NW Iberian Peninsula using ecological tracers as multi-approach. <b>2013</b> , 160, 2825-2840		26
748	Tissue-specific stable isotope ratios of shortfin mako ( <i>Isurus oxyrinchus</i> ) and white ( <i>Carcharodon carcharias</i> ) sharks as indicators of size-based differences in foraging habitat and trophic level. <b>2013</b> , 22, 429-445		21
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743	Trophic position and growth stages of Caddisfly ( <i>Stenopsyche marmorata</i> Navas) larvae in the Echi River, Japan. <b>2013</b> , 14, 283-291		4
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734	Comment on 'stable isotopes challenge the perception of ocean sunfish <i>Mola mola</i> as obligate jellyfish predators'. <b>2013</b> , 82, 1-9		6
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731	Tracking seasonal changes in North Sea zooplankton trophic dynamics using stable isotopes. <b>2013</b> , 113, 167-187		28
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728	Contrasting patterns of morphological variation with dietary preferences in <i>Micropogonias furnieri</i> : insights from stable-isotope and digestive-trait analyses. <b>2013</b> , 82, 1641-58		2
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726	Chemical taphonomy of biomineralized tissues. <b>2013</b> , 56, 475-486		41
725	Female-biased mortality of Magellanic Penguins ( <i>Spheniscus magellanicus</i> ) on the wintering grounds. <b>2013</b> , 113, 128-134		21
724	High congruence of isotope sewage signals in multiple marine taxa. <b>2013</b> , 71, 152-8		42
723	Carry-over effects of winter habitat vary with age and sex in yellow warblers <i>Setophaga petechia</i> . <b>2013</b> , 44, 321-330		25
722	Do archival light-level geolocators and stable hydrogen isotopes provide comparable estimates of breeding-ground origin?. <b>2013</b> , 130, 273-282		23



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719	Individual migratory patterns of two threatened seabirds revealed using stable isotope and geolocation analyses. <i>Diversity and Distributions</i> , <b>2013</b> , 19, 317-329	5	18
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704	Migratory birds reinforce local circulation of avian influenza viruses. <i>PLoS ONE</i> , <b>2014</b> , 9, e112366	3.7	26

703	Combination of morphometric and isotopic tools for studying spring migration dynamics in <i>Episyrphus balteatus</i> . <b>2014</b> , 5, art88		11
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700	Trophic ecology of common elasmobranchs exploited by artisanal shark fisheries off south-western Madagascar. <b>2014</b> , 23, 29-38		13
699	Origins and migratory patterns of bats killed by wind turbines in southern Alberta: evidence from stable isotopes. <b>2014</b> , 5, art118		34
698	Juveniles and migrants as drivers for seasonal epizootics of avian influenza virus. <i>Journal of Animal Ecology</i> , <b>2014</b> , 83, 266-75	4-7	84
697	CHAPTER 16:Gas Source Isotope Ratio Mass Spectrometry (IRMS). <b>2014</b> , 500-549		4
696	Stable Isotopes in Forensics Applications. <b>2014</b> , 285-317		19
695	Isotopic turnover of carbon and nitrogen in bovine blood fractions and inner organs. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 1011-8	2.2	8
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691	Natal origin of black ducks harvested during the sport hunt in Québec, Canada. <b>2014</b> , 78, 1250-1260		2
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689	Environmental implication of nitrogen isotopic composition in ornithogenic sediments from the Ross Sea region, East Antarctica: $\delta^{15}N$ as a new proxy for avian influence. <b>2014</b> , 363, 91-100		17
688	Foraging ecology and niche overlap in pygmy ( <i>Kogia breviceps</i> ) and dwarf ( <i>Kogia sima</i> ) sperm whales from waters of the U.S. mid-Atlantic coast. <i>Marine Mammal Science</i> , <b>2014</b> , 30, 626-655	1.9	28
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681	A jellyfish diet for the herbivorous green turtle <i>Chelonia mydas</i> in the temperate SW Atlantic. <b>2014</b> , 161, 339-349		49
680	The foraging ecology of coastal bottlenose dolphins based on stable isotope mixing models and behavioural sampling. <b>2014</b> , 161, 953-961		23
679	The trans-boundary importance of artificial bat hibernacula in managed European forests. <b>2014</b> , 23, 617-631		18
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676	Mother-embryo isotope ( $\delta^{15}\text{N}$ , $\delta^{13}\text{C}$ ) fractionation and mercury (Hg) transfer in aplacental deep-sea sharks. <b>2014</b> , 84, 1574-81		28
675	Improving provenance studies in migratory birds when using feather hydrogen stable isotopes. <b>2014</b> , 45, 103-108		22
674	Isotopic variation across the Audubon's-myrtle warbler hybrid zone. <b>2014</b> , 27, 1179-91		8
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672	Applied Ecology and Human Dimensions in Biological Conservation. <b>2014</b> ,		8
671	Trophic ecology of sharks in the mid-east Pacific ocean inferred from stable isotopes. <b>2014</b> , 13, 278-282		7
670	Trawling disturbance on the isotopic signature of a structure-building species, the sea urchin <i>Gracilechinus acutus</i> (Lamarck, 1816). <b>2014</b> , 106, 216-224		10
669	Tracing site-specific isotopic signatures along a Blue Tit <i>Cyanistes caeruleus</i> food chain. <b>2014</b> , 156, 165-175		5
668	Trophic size-structure of sailfish <i>Istiophorus platypterus</i> in eastern Taiwan estimated by stable isotope analysis. <b>2014</b> , 84, 354-71		3

667	Tracing prey origins, proportions and feeding periods for predatory beetles from agricultural systems using carbon and nitrogen stable isotope analyses. <b>2014</b> , 71, 23-29		7
666	Feeding ecology of juvenile rockfishes off Oregon and Washington based on stomach content and stable isotope analyses. <b>2014</b> , 161, 2381-2393		12
665	Isotopic Discrimination Factors ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) between Tissues and Diet of the Broad-Snouted Caiman ( <i>Caiman latirostris</i> ). <b>2014</b> , 48, 332-337		12
664	Strontium isotope variation and carbonate versus silicate weathering in rivers from across Alaska: Implications for provenance studies. <b>2014</b> , 389, 167-181		35
663	The potential for a carbon stable isotope biomarker of dietary sugar intake. <b>2014</b> , 29, 795-816		29
662	Feeding ecology and basal food sources that sustain the Paradoxal frog <i>Pseudis minuta</i> : a multiple approach combining stomach content, prey availability, and stable isotopes. <b>2014</b> , 740, 253-264		22
661	Trophic interactions between native and introduced fish species in a littoral fish community. <b>2014</b> , 85, 1693-706		9
660	Dietary preferences of Bryde's whales ( <i>Balaenoptera edeni</i> ) from the Gulf of California: A $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ analysis. <i>Marine Mammal Science</i> , <b>2014</b> , 30, 1140-1148	1.9	1
659	Continental-scale, seasonal movements of a heterothermic migratory tree bat. <b>2014</b> , 24, 602-16		45
658	Mercury accumulation in sharks from the coastal waters of southwest Florida. <b>2014</b> , 67, 402-12		38
657	What otolith microchemistry and stable isotope analysis reveal and conceal about anguillid eel movements across salinity boundaries. <i>Oecologia</i> , <b>2014</b> , 175, 1143-53	2.9	12
656	Distinguishing feral and managed honeybees ( <i>Apis mellifera</i> ) using stable carbon isotopes. <b>2014</b> , 45, 653-663		3
655	Individual quality explains association between plumage colouration, arrival dates and mate acquisition in yellow warblers ( <i>Setophaga petechia</i> ). <b>2014</b> , 14, 13		4
654	Oxygen and hydrogen isotope composition of silage water. <b>2014</b> , 62, 4493-501		8
653	Spatial patterns in zooplankton communities and stable isotope ratios ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) in relation to oceanographic conditions in the sub-Arctic Pacific and western Arctic regions during the summer of 2008. <b>2014</b> , 36, 757-775		24
652	You are what you eat: fatty acid profiles as a method to track the habitat movement of an insect. <i>Oecologia</i> , <b>2014</b> , 175, 1073-80	2.9	7
651	Influence of environmental gradients on C and N stable isotope ratios in coral reef biota of the Red Sea, Saudi Arabia. <b>2014</b> , 85, 379-394		37
650	Spatial variability in the trophic ecology and biology of the deep-sea shrimp <i>Aristaeomorpha foliacea</i> in the Mediterranean Sea. <b>2014</b> , 87, 1-13		9

649	Trophic ecology of European sardine <i>Sardina pilchardus</i> and European anchovy <i>Engraulis encrasicolus</i> in the Bay of Biscay (north-east Atlantic) inferred from $\delta^{13}C$ and $\delta^{15}N$ values of fish and identified mesozooplanktonic organisms. <b>2014</b> , 85, 277-291		34
648	Trace elements and stable isotopes in Atlantic tarpon scales reveal movements across estuarine gradients. <b>2014</b> , 153, 9-17		24
647	Restoration ecology: Ecological fidelity, restoration metrics, and a systems perspective. <b>2014</b> , 65, 71-87		32
646	Effects of acid treatment on carbon and nitrogen stable isotope ratios in ecological samples: a review and synthesis. <b>2014</b> , 5, 541-550		91
645	Spatial analysis of hydrogen and oxygen stable isotopes ( $\delta^2H$ and $\delta^{18}O$ ) in ground water and tap water across South Africa. <b>2014</b> , 145, 213-222		88
644	The Use of Stable Isotopes Analysis in Wildlife Studies. <b>2014</b> , 159-174		
643	Comparison of the stable carbon and nitrogen isotopic values of gill and white muscle tissue of fish. <b>2014</b> , 457, 173-179		15
642	Prey preferences of sympatric fin ( <i>Balaenoptera physalus</i> ) and humpback ( <i>Megaptera novaeangliae</i> ) whales revealed by stable isotope mixing models. <i>Marine Mammal Science</i> , <b>2014</b> , 30, 242-258	1.9	38
641	Modeling and mapping isotopic patterns in the Northwest Atlantic derived from loggerhead sea turtles. <b>2014</b> , 5, art122-art122		34
640	The Hair-Diet $\delta^{13}C$ and $\delta^{15}N$ Fractionation in <i>Chlorocebus aethiops sabaeus</i> Based on a Control Diet Study. <b>2014</b> , 51, 66-72		7
639	Approach to determine individual trophic level and the difference in food sources of Japanese anchovy <i>Engraulis japonicus</i> in Sagami Bay, based on compound-specific nitrogen stable isotope analysis of amino acids. <i>Fisheries Science</i> , <b>2015</b> , 81, 1053-1062	1.9	4
638	The Potential for Less Invasive Inference of Resource Use: Covariation in Stable Isotope Composition between Females and Their Eggs in Bluegill. <b>2015</b> , 144, 283-291		3
637	Spatial and isotopic niche partitioning during winter in chinstrap and Adlie penguins from the South Shetland Islands. <b>2015</b> , 6, art125		46
636	Strontium isotopes as an indicator of human migration [easy questions, difficult answers]. <b>2015</b> , 78, 133-156		20
635	Stable isotopic composition of anguilliform leptocephali and other food web components from west of the Mascarene Plateau. <b>2015</b> , 137, 69-83		20
634	Isotopic discrimination and indications for turnover in hair and wing membranes of the temperate bat <i>Nyctalus noctula</i> . <b>2015</b> , 61, 703-709		4
633	Stable carbon and nitrogen isotope values of dorsal spine age rings indicate temporal variation in the diet of striped marlin ( <i>Kajikia audax</i> ) in waters around Cabo San Lucas, Mexico. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1676-86	2.2	3
632	Stable isotope ratios of hydrogen separate mammals of aquatic and terrestrial food webs. <b>2015</b> , 6, 1332-1340		17

631	Simple ways to calculate stable isotope discrimination factors and convert between tissue types. <b>2015</b> , 6, 1341-1348		15
630	Seasonal variation in the diet of <i>Tetrix tenuicornis</i> (Orthoptera: Tetrigidae). <b>2015</b> , 18, 489-501		10
629	Stable Isotopes Suggest Low Site Fidelity in Bar-headed Geese ( <i>Anser indicus</i> ) in Mongolia: Implications for Disease Transmission. <b>2015</b> , 38, 123-132		4
628	Stable hydrogen isotopes identify leapfrog migration, degree of connectivity, and summer distribution of Golden Eagles in eastern North America. <b>2015</b> , 117, 414-429		11
627	Full Issue. <b>2015</b> , 117, iii-iii		
626	Effects of demineralization on the stable isotope analysis of bone samples. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1879-88	2.2	21
625	Analysis of stable isotope ratios in blood of tracked wandering albatrosses fails to distinguish a $\delta^{13}\text{C}$ gradient within their winter foraging areas in the southwest Atlantic Ocean. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 2328-36	2.2	15
624	The genetic structure of <i>Nautilus pompilius</i> populations surrounding Australia and the Philippines. <b>2015</b> , 24, 3316-28		11
623	Milk isotopic values demonstrate that nursing fur seal pups are a full trophic level higher than their mothers. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1485-90	2.2	19
622	Isotopic profile and mercury concentration in fish of the lower portion of the rio Paraíba do Sul watershed, southeastern Brazil. <b>2015</b> , 13, 723-732		7
621	Particle backtracking improves breeding subpopulation discrimination and natal-source identification in mixed populations. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120752	3.7	6
620	Carbon ( $\delta^{13}\text{C}$ ) and Nitrogen ( $\delta^{15}\text{N}$ ) Stable Isotope Signatures in Bat Fur Indicate Swarming Sites Have Catchment Areas for Bats from Different Summering Areas. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125755	3.7	9
619	Stable Isotope Models Predict Foraging Habitat of Northern Fur Seals ( <i>Callorhinus ursinus</i> ) in Alaska. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127615	3.7	8
618	Sexual Niche Segregation and Gender-Specific Individual Specialisation in a Highly Dimorphic Marine Mammal. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133018	3.7	33
617	Ontogenetic dietary and habitat shifts in goliath grouper <i>Epinephelus itajara</i> from French Guiana. <b>2015</b> , 27, 155-168		9
616	Multi-tissue $\delta\text{H}$ analysis reveals altitudinal migration and tissue-specific discrimination patterns in <i>Cinclodes</i> . <b>2015</b> , 6, art213		16
615	Identifying Important Foraging Habitat for Colonial Waterbirds in an Urban Estuary: a Stable Isotope Approach. <b>2015</b> , 38, 330-338		1
614	Estimation of spectroscopic constants of isotopologues: Dependence of the scaling factors on isotopic mass. <b>2015</b> , 1054, 46-54		

613	Minor differences in body condition and immune status between avian influenza virus-infected and noninfected mallards: a sign of coevolution?. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 436-49	2.8	25
612	Fish movement from nursery bays to coral reefs: a matter of size?. <b>2015</b> , 750, 89-101		22
611	Trophic ecology of dusky grouper <i>Epinephelus marginatus</i> (Actinopterygii, Epinephelidae) in littoral and neritic habitats of southern Brazil as elucidated by stomach contents and stable isotope analyses. <b>2015</b> , 743, 109-125		17
610	Enriching the isotopic toolbox for migratory connectivity analysis: a new approach for migratory species breeding in remote or unexplored areas. <i>Diversity and Distributions</i> , <b>2015</b> , 21, 416-427	5	23
609	Biomarkers of animal health: integrating nutritional ecology, endocrine ecophysiology, ecoimmunology, and geospatial ecology. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 557-66	2.8	15
608	Short-term shifts of stable isotope ( $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ ) values in juvenile sharks within nursery areas suggest rapid shifts in energy pathways. <b>2015</b> , 465, 83-91		14
607	Abiotic, biotic, and evolutionary control of the distribution of C and N isotopes in food webs. <b>2015</b> , 185, 169-82		18
606	The Ontogenetically Variable Trophic Niche of a Praying Mantid Revealed by Stable Isotope Analysis. <b>2015</b> , 44, 239-45		8
605	Quantifying variation in C and N isotopes within and between feathers and individuals: Is one sample enough?. <b>2015</b> , 162, 733-741		13
604	The fin whale, a marine top consumer, exposes strengths and weaknesses of the use of fluoride as ecological tracer. <b>2015</b> , 127, 229-37		2
603	Microhabitat variations in diatom composition and stable isotope ratios of the epilithic algae in Lake Malawi. <b>2015</b> , 748, 161-169		7
602	Incorporating stable isotopes into a multidisciplinary framework to improve data inference and their conservation and management application§ This article is based on a paper presented at the Sharks International 2014 Conference, held 28 June 2014, Durban, South Africa, and is part of a special issue <i>Evolutionary Stable Isotope Ecology</i> , Ed. Elton S. Huppert and S.F. Dunbar, 2015,		10
601	Surviving in a semi-marine habitat: Dietary salt exposure and salt secretion of a New Zealand intertidal skink. <b>2015</b> , 189, 21-9		6
600	Trophic niche overlap of sprat and commercial small pelagic teleosts in the Gulf of Lions (NW Mediterranean Sea). <b>2015</b> , 103, 138-146		26
599	A primer on the history of food web ecology: Fundamental contributions of fourteen researchers. <b>2015</b> , 4, 14-24		43
598	Food Forensics. <b>2015</b> , 68, 441-514		3
597	Stable oxygen and hydrogen isotope analyses of bowhead whale baleen as biochemical recorders of migration and arctic environmental change. <b>2015</b> , 9, 235-248		9
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595	Isotope evidence for preferential dispersal of fast-spreading invasive gobies along man-made river bank structures. <b>2015</b> , 51, 80-92		18
594	Reconstructing habitat use by juvenile salmon sharks links upwelling to strandings in the California Current. <i>Marine Ecology - Progress Series</i> , <b>2015</b> , 525, 217-228	2.6	12
593	$\delta^{15}N$ of estuarine fishes as a quantitative indicator of urbanization. <i>Ecological Indicators</i> , <b>2015</b> , 56, 41-49	5.8	6
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591	Diet and condition of Atlantic bluefin tuna ( <i>Thunnus thynnus</i> ) in the Gulf of Maine, 2004-2008. <b>2015</b> , 98, 1411-1430		23
590	Whether <i>Macdunnoughia crassisigna</i> (Lepidoptera: Noctuidae) is a Long-Distance Migrant?. <b>2015</b> , 28, 211-225		5
589	Experimental evidence shows no fractionation of strontium isotopes ( $(^{87}Sr)/(^{86}Sr)$ ) among soil, plants, and herbivores: implications for tracking wildlife and forensic science. <b>2015</b> , 51, 372-81		73
588	Connectivity within estuaries: An otolith chemistry and muscle stable isotope approach. <b>2015</b> , 118, 51-59		26
587	Isotope ratio mass spectrometry as a tool for source inference in forensic science: A critical review. <b>2015</b> , 251, 139-58		50
586	Regional movement patterns of a small-bodied shark revealed by stable-isotope analysis. <b>2015</b> , 86, 1567-86		10
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583	Seasonal Shifting in Diet of the Chinese Mantid, <i>Tenodera aridifolia sinensis</i> Saussure (Mantodea: Mantidae) as Revealed by Oxygen and Hydrogen Isotopes. <b>2015</b> , 125, 153-162		4
582	Quick change in $\delta^{15}N$ values of fish mucus confirmed in the field using a migratory goby. <b>2015</b> , 24, 162-164		6
581	Importance of multi-dimensional analyses of resource partitioning in highly mobile species assemblages. <b>2015</b> , 57, 601-611		9
580	Causes and Consequences of Partial Migration in a Passerine Bird. <b>2015</b> , 186, 531-46		49
579	Effects of gut content on $\delta^{15}N$ , $\delta^{13}C$ and C:N of the macroinvertebrate <i>Mysis diluviana</i> . <b>2015</b> , 41, 926-929		
578	Seasonal changes in stable carbon and nitrogen isotope compositions of bat guano (Guadeloupe). <b>2015</b> , 440, 524-532		12



577	The application of sulphur isotope analyses in archaeological research: A review. <b>2015</b> , 142, 1-17		171
576	Stable isotope analysis of vertebrae reveals ontogenetic changes in habitat in an endothermic pelagic shark. <b>2015</b> , 282, 20141446		51
575	Feather-based measures of stable isotopes and corticosterone reveal a relationship between trophic position and physiology in a pelagic seabird over a 153-year period. <b>2015</b> , 157, 273-283		27
574	Incorporating site and year-specific deuterium ratios ( $\delta^2\text{H}$ ) from precipitation into geographic assignments of a migratory bird. <b>2015</b> , 46, 266-274		8
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571	Small pelagic fish feeding patterns in relation to food resource variability: an isotopic investigation for <i>Sardina pilchardus</i> and <i>Engraulis encrasicolus</i> from the Bay of Biscay (north-east Atlantic). <b>2015</b> , 162, 15-37		23
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567	An assessment of procedures to remove exogenous Sr before $^{87}\text{Sr}/^{86}\text{Sr}$ analysis of wet archaeological wool textiles. <b>2015</b> , 53, 84-93		11
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560	Methods for sampling sequential annual bone growth layers for stable isotope analysis. <b>2016</b> , 7, 556-564		18

559	Fine-scale spatial differences in humpback whale diet composition near Kodiak, Alaska. <i>Marine Mammal Science</i> , <b>2016</b> , 32, 1099-1114	1.9	3
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534	The Geography of Environmental Crime. <b>2016</b> ,		2
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531	The feasibility of assessing the diets of minke whale ( <i>Balaenoptera acutorostrata</i> ) in the East Sea through fatty acid composition in blubber and stable isotopic ratio of skin. <b>2016</b> , 51, 397-410		2
530	The extended phenology of <i>Spartina</i> invasion alters a native herbivorous insect abundance and diet in a Chinese salt marsh. <b>2016</b> , 18, 2229-2236		10
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527	Calibrating the time span of longitudinal biomarkers in vertebrate tissues when fine-scale growth records are unavailable. <b>2016</b> , 7, e01449		13
526	Using stable-hydrogen isotopes to reveal immigration in an Arctic-breeding songbird population. <b>2016</b> , 4, 16		2
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522	Influence of diet in the accumulation of organochlorine compounds in herons breeding in remote riverine environments. <b>2016</b> , 145, 438-44		5
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520	Trophic Ecology of a Predatory Community in a Shallow-Water, High-Salinity Estuary Assessed by Stable Isotope Analysis. <b>2016</b> , 8, 46-61		13
519	Effects of acidification, lipid removal and mathematical normalization on carbon and nitrogen stable isotope compositions in beaked whale ( <i>Ziphiidae</i> ) bone. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 460-6	2.2	13
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517	Stable isotope analysis and fin whale subpopulation structure in the eastern North Atlantic. <i>Marine Mammal Science</i> , <b>2016</b> , 32, 535-551	1.9	18
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514	(13)C-Breath testing in animals: theory, applications, and future directions. <b>2016</b> , 186, 265-85		38
513	Towards understanding isotope variability in elephant ivory to establish isotopic profiling and source-area determination. <b>2016</b> , 197, 154-163		22
512	Trophic Dynamics of the Cape Stumpnose ( <i>Rhabdosargus holubi</i> , Sparidae) Across Three Adjacent Aquatic Habitats. <b>2016</b> , 39, 1221-1233		15
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508	Validating the use of intrinsic markers in body feathers to identify inter-individual differences in non-breeding areas of northern fulmars. <b>2016</b> , 163, 64		5
507	Verifying the geographical origin of poultry: The application of stable isotope and trace element (SITE) analysis. <b>2016</b> , 67, 144-154		24
506	An isotope ( $\delta^{45}$ ) filter and geocator results constrain a dual feather isoscape ( $\delta^2\text{H}$ , $\delta^{13}\text{C}$ ) to identify the wintering grounds of North American Barn Swallows Una combinaci3n de isopaisaje dual ( $\delta^2\text{H}$ , $\delta^{13}\text{C}$ ) de las plumas, filtro de is3topos ( $\delta^{45}$ ) costeros y localizador geogr3fico permite identificar las 3reas de invernada de hirundo rustical Integrating tracking methods for South America. <b>2016</b> , 133, 86-98		18

505	Use of stable isotope fingerprints to assign wintering origin and trace shorebird movements along the East Atlantic Flyway. <b>2016</b> , 17, 177-187		12
504	Turnover rates of carbon and nitrogen stable isotopes in juvenile marbled flounder <i>Pleuronectes yokohamae</i> estimated by diet switch. <b>2016</b> , 63, 201-206		4
503	Regional climate on the breeding grounds predicts variation in the natal origin of monarch butterflies overwintering in Mexico over 38 years. <b>2017</b> , 23, 2565-2576		63
502	Invasions Toolkit. <b>2017</b> , 85-182		32
501	Metals and metalloids in Little Penguin ( <i>Eudyptula minor</i> ) prey, blood and faeces. <i>Environmental Pollution</i> , <b>2017</b> , 223, 567-574	9.3	14
500	Life-history studies by non-lethal sampling: using microchemical constituents of fin rays as chronological recorders. <b>2017</b> , 90, 611-625		3
499	Feather corticosterone during non-breeding correlates with multiple measures of physiology during subsequent breeding in a migratory seabird. <b>2017</b> , 208, 1-13		11
498	Assessment of nutritional subsidies to freshwater mussels using a multiple natural abundance isotope approach. <b>2017</b> , 62, 615-629		15
497	Trophic Niche Differences in Arachnid Predators Between Field and Forest Ecosystems. <b>2017</b> , 126, 328-336		2
496	Feeding range of age 1+ year Eurasian perch <i>Perca fluviatilis</i> in the Baltic Sea. <b>2017</b> , 90, 2060-2072		2
495	Resource partitioning among five species of waterfowl ( <i>Anas</i> spp.) at an autumn migratory stopover: combining stable isotope and mercury biomarkers. <b>2017</b> , 95, 279-286		3
494	Host-dependent differences in resource use associated with <i>Anilocra</i> spp. parasitism in two coral reef fishes, as revealed by stable carbon and nitrogen isotope analyses. <b>2017</b> , 38, e12413		14
493	Site fidelity and movement of a small-bodied fish species, the rainbow darter ( <i>Etheostoma caeruleum</i> ): Implications for environmental effects assessment. <b>2017</b> , 33, 1016-1025		12
492	Chemical contaminants (trace metals, persistent organic pollutants) in albacore tuna from western Indian and south-eastern Atlantic Oceans: Trophic influence and potential as tracers of populations. <b>2017</b> , 596-597, 481-495		37
491	Geochemical markers of sedimentary organic matter in Todos os Santos Bay, Bahia - Brazil. Indicators of sources and preservation. <b>2017</b> , 119, 239-246		6
490	Mercury contamination and stable isotopes reveal variability in foraging ecology of generalist California gulls. <i>Ecological Indicators</i> , <b>2017</b> , 74, 205-215	5.8	19
489	Diet and metabolic state are the main factors determining concentrations of perfluoroalkyl substances in female polar bears from Svalbard. <i>Environmental Pollution</i> , <b>2017</b> , 229, 146-158	9.3	27
488	High habitat use plasticity by female olive ridley sea turtles ( <i>Lepidochelys olivacea</i> ) revealed by stable isotope analysis in multiple tissues. <b>2017</b> , 164, 1		9

487	Isotopic analysis of epidermal mucus in freshwater fishes can reveal short-time diet variations. <b>2017</b> , 32, 643-652		9
486	Tissue-specific turnover and diet-tissue discrimination factors of carbon and nitrogen isotopes of a common forage fish held at two temperatures. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 1405-1414	2.2	9
485	Reconstructing variability in West Greenland ocean biogeochemistry and bowhead whale ( <i>Balaena mysticetus</i> ) food web structure using amino acid isotope ratios. <b>2017</b> , 40, 2225-2238		11
484	Isotope ( $\delta^{13}C$ , $\delta^{15}N$ , $\delta^{34}S$ ) diet-tissue discrimination in African grey parrot <i>Psittacus erithacus</i> : implications for forensic studies. <b>2017</b> , 53, 580-596		5
483	Stable isotopes and discriminating tastes: Faunal management practices at the Late Bronze Age settlement of Mycenae, Greece. <b>2017</b> , 14, 116-126		5
482	Using ocean models to predict spatial and temporal variation in marine carbon isotopes. <b>2017</b> , 8, e01763		101
481	Dietary tracers and stomach contents reveal pronounced alimentary flexibility in the freshwater mullet ( <i>Myxus capensis</i> , Mugilidae) concomitant with ontogenetic shifts in habitat use and seasonal food availability. <b>2017</b> , 799, 327-348		10
480	$\delta^{18}O$ and $\delta^2H$ characteristics of rainwater, groundwater and springs in a mountainous region of Ghana: implication with respect to groundwater recharge and circulation. <b>2017</b> , 3, 413-429		5
479	Stable isotope analyses-A method to distinguish intensively farmed from wild frogs. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 2525-2534	2.8	11
478	Serpent's source: Determining the source and geographic origin of traded python skins using isotopic and elemental markers. <b>2017</b> , 209, 406-414		14
477	Using calls as an indicator for Antarctic blue whale occurrence and distribution across the southwest Pacific and southeast Indian Oceans. <i>Marine Mammal Science</i> , <b>2017</b> , 33, 172-186	1.9	18
476	Spatial, temporal, age, and sex related variation in the diet of South American sea lions in southern Chile. <i>Marine Mammal Science</i> , <b>2017</b> , 33, 480-495	1.9	11
475	Sea ice-associated decline in body condition leads to increased concentrations of lipophilic pollutants in polar bears ( <i>Ursus maritimus</i> ) from Svalbard, Norway. <b>2017</b> , 576, 409-419		37
474	Mercury Stable Isotopes Discriminate Different Populations of European Seabass and Trace Potential Hg Sources around Europe. <b>2017</b> , 51, 12219-12228		19
473	Presence of arsenic, mercury and vanadium in aquatic organisms of Laizhou Bay and their potential health risk. <b>2017</b> , 125, 334-340		13
472	Feeding ecology of <i>Rhabdosargus holubi</i> (family Sparidae) in multiple vegetated refugia of selected warm temperate estuaries in South Africa. <b>2017</b> , 197, 194-204		7
471	Emission Changes Dwarf the Influence of Feeding Habits on Temporal Trends of Per- and Polyfluoroalkyl Substances in Two Arctic Top Predators. <b>2017</b> , 51, 11996-12006		33
470	Quantifying variability in stable carbon and nitrogen isotope ratios within the skeletons of marine mammals of the suborder Caniformia. <b>2017</b> , 15, 393-400		14

469	Linking the wintering and breeding grounds of warblers along the Pacific Flyway. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 6649-6658	2.8	6
468	Elemental turnover rates and trophic discrimination in juvenile Lebranche mullet <i>Mugil liza</i> under experimental conditions. <b>2017</b> , 91, 1241-1249		10
467	Preliminary assessment of the trophic structure of demersal fish community in the Sea of Oman. <b>2017</b> , 16, 145-151		1
466	The trophic role of a large marine predator, the tiger shark <i>Galeocerdo cuvier</i> . <b>2017</b> , 7, 7641		24
465	Assessing Fukushima-Derived Radiocesium in Migratory Pacific Predators. <b>2017</b> , 51, 8962-8971		5
464	Morphological, physiological and dietary covariation in migratory and resident adult brown trout ( <i>Salmo trutta</i> ). <b>2017</b> , 123, 79-90		4
463	Multi-century stasis in C3 and C4 grass distributions across the contiguous United States since the industrial revolution. <b>2017</b> , 44, 2564-2574		14
462	Effects of euthanasia methods on stable carbon ( $\delta^{13}C$ value) and nitrogen ( $\delta^{15}N$ value) isotopic compositions of fry and juvenile rainbow trout <i>Oncorhynchus mykiss</i> . <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 1742-1748	2.2	8
461	Change of Organic $\delta^{13}C$ in Ornithogenic Sediments of the Xisha Archipelago, South China Sea and its Implication for Ecological Development. <b>2017</b> , 91, 1109-1119		5
460	Trophic level and fatty acids in harp seals compared with common minke whales in the Barents Sea. <b>2017</b> , 13, 919-932		10
459	Stable Isotope Analysis of Dietary Overlap between the Endangered Red Wolf and Sympatric Coyote in Northeastern North Carolina. <b>2017</b> , 16, 283-296		1
458	Ecological forensics: using single point stable isotope values to infer seasonal schedules of animals after two diet switches. <b>2017</b> , 8, 492-500		5
457	Horticulturists and oxygen ecozones in the tropical and subtropical forests of Southeast South America. <b>2017</b> , 22, 247-267		10
456	Ontogenetic and gender-related variation in the isotopic niche within and between three species of fur seals (genus <i>Arctocephalus</i> ). <b>2017</b> , 787, 123-139		10
455	Dietary change in seabirds on Guangjin Island, South China Sea, over the past 1200 years inferred from stable isotope analysis. <b>2017</b> , 27, 331-338		12
454	A comparison of changes in stable isotope ratios in the epidermal mucus and muscle tissue of slow-growing adult catfish. <b>2017</b> , 26, 636-642		7
453	Long-term and gender-related variation in the feeding ecology of common bottlenose dolphins inhabiting a subtropical estuary and the adjacent marine coast in the western South Atlantic. <b>2017</b> , 13, 121-134		19
452	Inferring the timing of long-distance dispersal between Rail metapopulations using genetic and isotopic assignments. <i>Ecological Applications</i> , <b>2017</b> , 27, 208-218	4.9	10

451	Correlation between $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in flying fish ( <i>Exocoetus volitans</i> ) muscle and scales from the South China Sea. <b>2017</b> , 46, 307-313		6
450	Stable isotopes can be used to infer the overwintering locations of prebreeding marine birds in the Canadian Arctic. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 8742-8752	2.8	11
449	Variable Isotopic Compositions of Host Plant Populations Preclude Assessment of Aphid Overwintering Sites. <b>2017</b> , 8,		
448	Opportunism on the High Seas: Foraging Ecology of Olive Ridley Turtles in the Eastern Pacific Ocean. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	17
447	Stable Isotope Applications for Understanding Shark Ecology in the Northeast Pacific Ocean. <b>2017</b> , 77, 149-178		3
446	Aeroecology. <b>2017</b> ,		5
445	Aeroecological Observation Methods. <b>2017</b> , 201-237		5
444	Stable isotope ( $\delta^{13}\text{C}$ ) profiling of xylitol and sugar in South Africa. <b>2017</b> , 113,		2
443	Population trends in warblers are linked to strong migratory connectivity. <b>2018</b> , 115, E3192-E3200		53
442	Can concentrations of steroid hormones in brown bear hair reveal age class?. <b>2018</b> , 6, coy001		14
441	Validating fin tissue as a non-lethal proxy to liver and muscle tissue for stable isotope analysis of yellow perch ( <i>Perca flavescens</i> ). <b>2018</b> , 54, 196-208		2
440	Use of field-portable ultrasonography reveals differences in developmental phenology and maternal egg provisioning in two sympatric viviparous snakes. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 3330-3340 <sup>2.8</sup>		4
439	Stable isotope analysis as a minimal-invasive method for dietary studies on the highly endangered Common hamster ( <i>Cricetus cricetus</i> ). <b>2018</b> , 82, 600-606		8
438	Nitrogen isotopic analysis of carbonate-bound organic matter in modern and fossil fish otoliths. <b>2018</b> , 224, 200-222		18
437	A global perspective on the trophic geography of sharks. <b>2018</b> , 2, 299-305		66
436	Tracing changes in the diet and habitat use of black-tailed godwits in Western France, using a stable isotope approach. <b>2018</b> , 54, 288-303		
435	Choose Your Poison-Space-Use Strategy Influences Pollutant Exposure in Barents Sea Polar Bears. <b>2018</b> , 52, 3211-3221		41
434	Improving Marine Ecosystem Models with Biochemical Tracers. <b>2018</b> , 10, 199-228		43



433	Shorebird hunting in Barbados: Using stable isotopes to link the harvest at a migratory stopover site with sources of production Chasse aux limicoles à la Barbade : utilisation d'isotopes stables pour relier la récolte sur une halte migratoire à des sources de production Origins of shorebirds harvested in Barbados. <b>2018</b> , 120, 357-370		9
432	Site fidelity and movements of an amphidromous goby revealed by otolith multi-elemental signatures along a tropical watershed. <b>2018</b> , 27, 834-846		10
431	Mercury and stable isotope cycles in baleen plates are consistent with year-round feeding in two bowhead whale ( <i>Balaena mysticetus</i> ) populations. <b>2018</b> , 41, 1881-1893		12
430	The trophic ecology of Caribbean reef sharks ( <i>Carcharhinus perezii</i> ) relative to other large teleost predators on an isolated coral atoll. <b>2018</b> , 165, 1		14
429	Variation of the use of marine resources by <i>Galaxias maculatus</i> in large Chilean rivers. <b>2018</b> , 814, 61-73		27
428	The potential breeding range of Slender-billed Curlew <i>Numenius tenuirostris</i> identified from stable-isotope analysis. <b>2018</b> , 28, 228-237		3
427	The Seasonal Mobility of Prehistoric Gazelle Herds in the Azraq Basin, Jordan: Modelling Alternative Strategies Using Stable Isotopes. <b>2018</b> , 23, 187-199		8
426	Heavy metals (As, Hg and V) and stable isotope ratios ( $\delta^{13}C$ and $\delta^{15}N$ ) in fish from Yellow River Estuary, China. <b>2018</b> , 613-614, 462-471		20
425	Isotopic niche overlap between co-occurring capelin ( <i>Mallotus villosus</i> ) and polar cod ( <i>Boreogadus saida</i> ) and the effect of lipid extraction on stable isotope ratios. <b>2018</b> , 41, 423-432		10
424	Quantifying the non-breeding provenance of staging Ruffs, <i>Philomachus pugnax</i> , using stable isotope analysis of different tissues. <i>Journal of Ornithology</i> , <b>2018</b> , 159, 191-203	1.5	2
423	Use of multielement stable isotope ratios to investigate ontogenetic movements of <i>Micropogonias furnieri</i> in a tropical Brazilian estuary. <b>2018</b> , 75, 977-986		5
422	assignPOP: An R package for population assignment using genetic, non-genetic, or integrated data in a machine-learning framework. <b>2018</b> , 9, 439-446		48
421	Using Chemical Elements to the Study of Trophic and Spatial Ecology in Marine Mammals of the Southwestern Atlantic Ocean. <b>2018</b> , 221-248		2
420	Seasonal and annual differences in the foraging ecology of two gull species breeding in sympatry and their use of fishery discards. <b>2018</b> , 49,		21
419	Palaeobiodiversity research based on stable isotopes: Correction of the sea spray effect on bone carbonate $\delta^{13}C$ and $\delta^{18}O$ by Gaussian Mixture Model clustering. <b>2018</b> , 490, 673-686		11
418	Why are tropical mountain passes "low" for some species? Genetic and stable-isotope tests for differentiation, migration and expansion in elevational generalist songbirds. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 741-753	4.7	11
417	The same but different: stable isotopes reveal two distinguishable, yet similar, neighbouring food chains in a coral reef. <b>2018</b> , 98, 1589-1597		6
416	Variability and repeatability of noctule bat migration in Central Europe: evidence for partial and differential migration. <b>2018</b> , 285, 20182174		21

415	Bird Species. <b>2018</b> ,		5
414	Application of isoscapes to determine geographic origin of terrestrial wildlife for conservation and management. <b>2018</b> , 228, 268-280		19
413	IUPAC Periodic Table of the Elements and Isotopes (IPTEI) for the Education Community (IUPAC Technical Report). <b>2018</b> , 90, 1833-2092		38
412	The Utility of Combining Stable Isotope and Hormone Analyses for Marine Megafauna Research. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4-5	13
411	Stable Isotope Dynamics ( $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ ) in Neritic and Oceanic Waters of the North Atlantic Inferred From GPS-Tracked Cory's Shearwaters. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4-5	9
410	Species identity matters when interpreting trophic markers in aquatic food webs. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204767	3-7	3
409	Novel detection of provenance in the illegal wildlife trade using elemental data. <b>2018</b> , 8, 15380		8
408	From Isoscapes to Farmscapes: Introduction to the Special Issue. <b>2018</b> , 23, 299-302		5
407	Investigating temporal variation in stable carbon and nitrogen isotope values of Florida Caribbean spiny lobster ( <i>Panulirus argus</i> ) recruits. <b>2018</b> , 94, 847-861		1
406	Jaguar and puma captivity and trade among the Maya: Stable isotope data from Copan, Honduras. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202958	3-7	13
405	Effect of heat and singeing on stable hydrogen isotope ratios of bird feathers and implications for their use in determining geographic origin. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 1859-1866	2-2	1
404	A global meta-analysis of marine predator nitrogen stable isotopes: Relationships between trophic structure and environmental conditions. <b>2018</b> , 27, 1043-1055		29
403	Paleoecology of seabirds at Nandao, Xisha Islands, South China Sea: Sub-fossil evidence for Ashmole's Halo during the Little Ice Age. <b>2018</b> , 505, 33-41		2
402	Are stable isotope ratios and oscillations consistent in all baleen plates along the filtering apparatus? Validation of an increasingly used methodology. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 1257-1262	2.2	6
401	Decoupling of Genetic and Cultural Inheritance in a Wild Mammal. <b>2018</b> , 28, 1846-1850.e2		15
400	Meat provenance: Authentication of geographical origin and dietary background of meat. <b>2018</b> , 144, 2-14		38
399	Mitochondrial DNA short tandem repeats unveil hidden population structuring and migration routes of an endangered marine turtle. <b>2018</b> , 28, 788-797		9
398	An assessment of assumptions and uncertainty in deuterium-based estimates of terrestrial subsidies to aquatic consumers. <b>2018</b> , 99, 1073-1088		14

397	Patterns of trophic resource use among deep-sea shrimps in the Northern Benguela current ecosystem, Namibia. <b>2018</b> , 16, e00089		1
396	Full Issue. <b>2018</b> , 120, iii-iii		
395	Stable Isotopes from Museum Specimens May Provide Evidence of Long-Term Change in the Trophic Ecology of a Migratory Aerial Insectivore. <b>2018</b> , 6,		31
394	Migration and feeding habits of juvenile Chinese sturgeon ( <i>Acipenser sinensis</i> Gray 1835) in the Yangtze Estuary: Implications for conservation. <b>2018</b> , 28, 1329-1336		1
393	Individual specialization in a migratory grazer reflects long-term diet selectivity on a foraging ground: implications for isotope-based tracking. <i>Oecologia</i> , <b>2018</b> , 188, 429-439	2.9	18
392	Isotopes in cultural heritage: present and future possibilities. <b>2018</b> , 6,		6
391	Effects of migration distance and sex on stopover timing and refueling by Wilson's Warblers. <b>2018</b> , 89, 149-164		3
390	Nitrogen and sulfur isotopes predict variation in mercury levels in Arctic seabird prey. <b>2018</b> , 135, 907-914		6
389	Compound-specific N analysis of amino acids: A tool to estimate the trophic position of tropical seabirds in the South China Sea. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 8853-8864	2.8	4
388	Feeding Ecology Tools to Assess Contaminant Exposure in Coastal Mammals. <b>2018</b> , 39-74		1
387	Where do winter crows go? Characterizing partial migration of American Crows with satellite telemetry, stable isotopes, and molecular markers¿A dñde van los cuervos en invierno? Caracterizando la migraciñn parcial de <i>Corvus brachyrhynchos</i> con telemetrñ satelital, isñtopos estables y marcadores molecularesPartial migration in crows. <b>2018</b> , 135, 964-974		11
386	Diurnal foraging of a wild coral-reef fish <i>Parapercis australis</i> in relation to late-summer temperatures. <b>2018</b> , 93, 153-158		4
385	Trophic ecology of Magellanic penguins ( <i>Spheniscus magellanicus</i> ) during the non-breeding period. <b>2018</b> , 210, 109-122		23
384	Cracking the egg: the use of modern and fossil eggs for ecological, environmental and biological interpretation. <b>2018</b> , 5, 180006		8
383	Genetics of Animal and Bird Migration. <b>2019</b> , 323-330		0
382	Stable isotopes reveal winter feeding in different habitats in blue, fin and sei whales migrating through the Azores. <b>2019</b> , 6, 181800		19
381	Red bat fatality: Geographic extents through deuterium and niche models. <b>2019</b> , 83, 1345-1351		
380	Age-dependent carry-over effects in a long-distance migratory bird. <b>2019</b> , 9, 12032		2

379	The dark side of the black caiman: Shedding light on species dietary ecology and movement in Agami Pond, French Guiana. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217239	3.7	9
378	Beyond trophic morphology: stable isotopes reveal ubiquitous versatility in marine turtle trophic ecology. <b>2019</b> , 94, 1947-1973		14
377	Stable isotopes reveal captive vs wild origin of illegally captured songbirds in France. <b>2019</b> , 302, 109884		3
376	Genetic, phenotypic and ecological differentiation suggests incipient speciation in two Charadrius plovers along the Chinese coast. <b>2019</b> , 19, 135		14
375	Trophic dynamics of anadromous brown trout and Arctic charr in NW Iceland and their correlation to salmon lice infection. <b>2019</b> , 42, 2119-2130		0
374	Chemical signatures of salt sources in the Maya world: implications for isotopic signals in ancient consumers. <b>2019</b> , 27, 101990		1
373	Resource use of great hammerhead sharks ( <i>Sphyrna mokarran</i> ) off eastern Australia. <b>2019</b> , 95, 1430-1440		19
372	Does sexual segregation occur during the nonbreeding period? A comparative analysis in spatial and feeding ecology of three shearwaters. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 10145-10162	2.8	6
371	Mechanistic model predicts tissue-environment relationships and trophic shifts in animal hydrogen and oxygen isotope ratios. <i>Oecologia</i> , <b>2019</b> , 191, 777-789	2.9	12
370	Effects of anticoagulants on stable-isotope values ( $\delta^{13}C$ and $\delta^{15}N$ ) of shark blood components. <b>2019</b> , 95, 1535-1539		2
369	Histological structure of baleen plates and its relevance to sampling for stable isotope studies. <b>2019</b> , 99, 63-70		0
368	Complementary methods assessing short and long-term prey of a marine top predator - Application to the grey seal-fishery conflict in the Baltic Sea. <i>PLoS ONE</i> , <b>2019</b> , 14, e0208694	3.7	16
367	Structure and nutrient transfer in a tropical pelagic upwelling food web: From isoscapes to the whole ecosystem. <b>2019</b> , 178, 102145		5
366	Human-modified landscapes alter mammal resource and habitat use and trophic structure. <b>2019</b> , 116, 18466-18472		38
365	Origins of harvested Mallards from Lake St. Clair, Ontario: a stable isotope approach. <b>2019</b> , 14,		1
364	Diversity of feeding strategies in loggerhead sea turtles from the Cape Verde archipelago. <b>2019</b> , 166, 1		7
363	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. <b>2019</b> , 69, 877-887		6
362	Spatial models of carbon, nitrogen and sulphur stable isotope distributions (isoscapes) across a shelf sea: An INLA approach. <b>2019</b> , 10, 518-531		17

361	Evidence for sea spray effect on oxygen stable isotopes in bone phosphate - Approximation and correction using Gaussian Mixture Model clustering. <b>2019</b> , 673, 668-684		3
360	Atlantic Tarpon ( <i>Megalops atlanticus</i> ) exhibit upper estuarine habitat dependence followed by foraging system fidelity after ontogenetic habitat shifts. <b>2019</b> , 225, 106248		10
359	Assessing dual hair sampling for isotopic studies of grizzly bears. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 1475-1480	2.2	2
358	Differences in the use of surface water resources by desert birds are revealed using isotopic tracers. <b>2019</b> , 136,		10
357	Investigation of the geographic origin of burrowing owl fleas with implications for the ecology of plague. <b>2019</b> , 136,		2
356	Characterizing stable isotope relationships between green turtle ( <i>Chelonia mydas</i> ) skin and unhatched eggs. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 1277-1285	2.2	2
355	Bridging disciplines to advance elasmobranch conservation: applications of physiological ecology. <b>2019</b> , 7, coz011		5
354	Stable isotope analyses of cold-stunned Kemp's ridley ( <i>Lepidochelys kempii</i> ) sea turtles at the northern extent of their coastal range. <b>2019</b> , 166, 1		5
353	Introduction to Conducting Stable Isotope Measurements for Animal Migration Studies. <b>2019</b> , 25-51		11
352	Specialized foraging habits of adult female California sea lions <i>Zalophus californianus</i> . <i>Marine Mammal Science</i> , <b>2019</b> , 35, 1463-1488	1.9	4
351	Stable isotopes of carbon reveal flexible pairing strategies in a migratory Arctic bird. <i>Journal of Ornithology</i> , <b>2019</b> , 160, 607-616	1.5	1
350	Amino Acid Isotope Analysis: A New Frontier in Studies of Animal Migration and Foraging Ecology. <b>2019</b> , 173-190		15
349	Stable isotopes in the eye lenses of <i>Doryteuthis plei</i> (Blainville 1823): Exploring natal origins and migratory patterns in the eastern Gulf of Mexico. <b>2019</b> , 174, 76-84		8
348	Distinguishing between sea turtle foraging areas using stable isotopes from commensal barnacle shells. <b>2019</b> , 9, 6565		8
347	Seasonality of a Floodplain Subsidy to the Fish Community of a Large Temperate River. <b>2019</b> , 22, 1823-1837		7
346	Trophic interaction between striped marlin and swordfish using different timescales in waters around Baja California Sur, Mexico. <b>2019</b> , 15, 97-112		2
345	The Construction and Optimization of Ecological Security Pattern in the Harbin-Changchun Urban Agglomeration, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	24
344	The Effects of Temperature on the Turnover of $\delta^{18}O$ and $\delta^2H$ in Juvenile Corn Snakes ( <i>Elaphe guttata</i> ): A Novel Study with Ecological Implications. <i>Diversity</i> , <b>2019</b> , 11, 19	2.5	

343	Lipid normalization and stable isotope discrimination in Pacific walrus tissues. <b>2019</b> , 9, 5843		7
342	Animal Migration: A Context for Using New Techniques and Approaches. <b>2019</b> , 1-23		17
341	Multiple isotope tracers in fur keratin discriminate between mothers and offspring. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 907-913	2.2	3
340	Effects of chemical preservation on bulk and amino acid isotope ratios of zooplankton, fish, and squid tissues. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 935-945	2.2	13
339	Stable Isotope Analysis Enhances Our Understanding of Diamondback Terrapin ( <i>Malaclemys terrapin</i> ) Foraging Ecology. <b>2019</b> , 42, 596-611		2
338	Gender Differences in Foraging Behavior of the Euphausiid <i>Euphausia pacifica</i> in the East Sea (Japan Sea) in Spring. <b>2019</b> , 54, 287-295		
337	Effects of temperature on tissue-diet isotopic spacing of nitrogen and carbon in otolith organic matter. <b>2019</b> , 70, 1757		3
336	Roseate Terns <i>Sterna dougallii</i> on the southeast coast of South Africa: information on moult and migratory status. <b>2019</b> , 90, 303-313		0
335	Using light stable isotopes to assess stream food web ecology in a general ecology laboratory course. <b>2019</b> , 1-17		0
334	Stable isotope analyses as a forensic tool to monitor illegally traded African grey parrots. <b>2019</b> , 22, 134-143		6
333	Diet shift in bank voles induced by competition from grey-sided voles?. <b>2019</b> , 14, 376-382		
332	Ontogenetic variation in diet and habitat of Irrawaddy dolphins ( <i>Orcaella brevirostris</i> ) in the Gulf of Thailand and the Andaman Sea. <i>Marine Mammal Science</i> , <b>2019</b> , 35, 492-521	1.9	4
331	Effects of pre-treatments on bulk stable isotope ratios in fish samples: A cautionary note for studies comparisons. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 291-302	2.2	6
330	Effect of body length, trophic position and habitat use on mercury concentrations of sharks from contrasted ecosystems in the southwestern Indian Ocean. <b>2019</b> , 169, 387-395		15
329	Stable isotope patterns reveal widespread rainy-period-biased recharge in phreatic aquifers across Greece. <b>2019</b> , 568, 1081-1092		10
328	Trophic niche expansion during the non-breeding season in kelp gulls of known breeding colony. <b>2019</b> , 166, 1		1
327	Exposure of yellow-legged gulls to along the Western Mediterranean coasts: Tales from a sentinel. <b>2019</b> , 8, 221-228		9
326	Teasing apart cryptic species groups: Nutritional ecology and its implications for species-specific conservation of the <i>Myotis mystacinus</i> group. <b>2019</b> , 61, 14-24		3

325	High Individual Variability in Beak Stable Isotopes of Jumbo Squid off Peruvian Exclusive Economic Zone (EEZ) Waters in the Analysis of Migratory and Foraging Ecology. <b>2019</b> , 18, 232-238		0
324	Examination of relationships between stable isotopes and cortisol concentrations along the length of phocid whiskers. <i>Marine Mammal Science</i> , <b>2019</b> , 35, 395-415	1.9	13
323	The relationship between the phosphate and structural carbonate fractionation of fallow deer bioapatite in tooth enamel. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 151-164	2.2	3
322	Towards a multi-trophic extension of metacommunity ecology. <b>2019</b> , 22, 19-33		45
321	Modeling Dispersal Processes for Ecological Systems. <b>2019</b> , 154-163		0
320	Stable isotope analyses reveal anthropogenically driven spatial and trophic changes to Indo-Pacific humpback dolphins in the Pearl River Estuary, China. <b>2019</b> , 651, 1029-1037		12
319	Rainfall at African wintering grounds predicts age-specific probability of haemosporidian infection in a migratory passerine bird. <b>2019</b> , 161, 759-769		2
318	Hydrodynamic and isotopic niche differentiation between juveniles of two sympatric cryptic bonefishes, <i>Albula vulpes</i> and <i>Albula goreensis</i> . <b>2019</b> , 102, 129-145		11
317	Stable-isotope analysis: a neglected tool for placing parasites in food webs. <b>2019</b> , 93, 1-7		12
316	Did military orders influence the general population diet? Stable isotope analysis from Medieval Tomar, Portugal. <b>2019</b> , 11, 3797-3809		8
315	Terrestrial fatty acids as tracers of finfish aquaculture waste in the marine environment. <b>2019</b> , 11, 133-148		17
314	Reconstructing caribou seasonal biogeography in Little Ice Age (late Holocene) Western Alaska using intra-tooth strontium and oxygen isotope analysis. <b>2019</b> , 23, 1043-1054		10
313	Patterns of Resource Use and Isotopic Niche Overlap Among Guanaco ( <i>Lama guanicoe</i> ), Pampas Deer ( <i>Ozotoceros bezoarticus</i> ) and Marsh Deer ( <i>Blastocerus dichotomus</i> ) in the Pampas. Ecological, Paleoenvironmental and Archaeological Implications. <b>2020</b> , 25, 411-444		11
312	Trace element analysis reveals bioaccumulation in the squid <i>Gonatus fabricii</i> from polar regions of the Atlantic Ocean. <i>Environmental Pollution</i> , <b>2020</b> , 256, 113389	9.3	13
311	A multi-isotope and morphometric analysis to uncover ecological niche divergence in two endemic island birds from Madagascar: the Dark and Common Newtonia ( <i>Vangidae</i> ). <i>Journal of Ornithology</i> , <b>2020</b> , 161, 137-147	1.5	2
310	1980s population-specific compositions of two related anadromous shad species during the oceanic phase determined by microchemistry of archived otoliths. <b>2020</b> , 77, 164-176		6
309	Population structure of the Atlantic spotted dolphin ( <i>Stenella frontalis</i> ) inferred through ecological markers. <b>2020</b> , 54, 21-34		3
308	Using stable isotopes of plasma, red blood cells, feces, and feathers to assess mature-forest bird diet during the post-fledging period. <b>2020</b> , 98, 39-46		4

307	Using stable isotope analysis to answer fundamental questions in invasion ecology: Progress and prospects. <b>2020</b> , 11, 196-214		10
306	Methods for Trophic Ecology Assessment in Fishes: A Critical Review of Stomach Analyses. <b>2020</b> , 28, 71-106		12
305	Stable hydrogen isotope measurements of songbird feathers: effects of intra-feather variability and sample processing. <i>Journal of Ornithology</i> , <b>2020</b> , 161, 381-388	1.5	1
304	Effects of preservation methodology on stable isotope compositions of sea stars. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8589	2.2	5
303	Bulk tissue and amino acid stable isotope analyses reveal global ontogenetic patterns in ocean sunfish trophic ecology and habitat use. <i>Marine Ecology - Progress Series</i> , <b>2020</b> , 633, 127-140	2.6	4
302	Chemical tracers guide identification of the location and source of persistent organic pollutants in juvenile Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ), migrating seaward through an estuary with multiple contaminant inputs. <b>2020</b> , 712, 135516		3
301	Trophic niche segregation allows range-extending coral reef fishes to co-exist with temperate species under climate change. <b>2020</b> , 26, 721-733		14
300	Isotope analysis reveals proportional change and site-selection variation of river- and lake-produced eggs of a landlocked migratory fish. <b>2020</b> , 96, 168-174		3
299	Defining isoscapes in the Northeast Pacific as an index of ocean productivity. <b>2020</b> , 29, 246-261		11
298	Shallow retardation of the strontium isotope signal of agricultural liming - implications for isoscapes used in provenance studies. <b>2020</b> , 706, 135710		25
297	Anthropo-niche characterization of Mediterranean cephalopods with trace elements and isotopic niches. <b>2020</b> , 150, 110597		0
296	Pelagic vs Coastal-Key Drivers of Pollutant Levels in Barents Sea Polar Bears with Contrasted Space-Use Strategies. <b>2020</b> , 54, 985-995		9
295	Mercury exposure in sedentary and migratory Charadrius plovers distributed widely across China. <b>2020</b> , 27, 4236-4245		1
294	Methylmercury exposure in wildlife: A review of the ecological and physiological processes affecting contaminant concentrations and their interpretation. <b>2020</b> , 711, 135117		45
293	Stable isotopes and epibiont communities reveal foraging habitats of nesting loggerhead turtles in the South West Indian Ocean. <b>2020</b> , 167, 1		0
292	Tracking animal movements using biomarkers in tail hairs: a novel approach for animal geolocating from sulfur isoscapes. <b>2020</b> , 8, 37		5
291	Generalist seabirds as biomonitors of ocean mercury: The importance of accurate trophic position assignment. <b>2020</b> , 740, 140159		5
290	Feeding ecology of two subspecies of bottlenose dolphin: a tooth tale. <b>2020</b> , 54, 941-955		2



289	Stable isotopes reveal the importance of saltmarsh-derived nutrition for two exploited penaeid prawn species in a seagrass dominated system. <b>2020</b> , 236, 106622		8
288	High-resolution stable isotope profiles of modern elephant ( <i>Loxodonta africana</i> ) tusk dentin and tail hair from Kenya: Implications for identifying seasonal variability in climate, ecology, and diet in ancient proboscideans. <b>2020</b> , 559, 109962		7
287	Foraging behavior of yellow-phase Japanese eels between connected fresh- and brackish water habitats. <b>2020</b> , 103, 1061-1077		2
286	Stable isotopes of fatty acids: current and future perspectives for advancing trophic ecology. <b>2020</b> , 375, 20190641		20
285	Combining Models of Environment, Behavior, and Physiology to Predict Tissue Hydrogen and Oxygen Isotope Variance Among Individual Terrestrial Animals. <b>2020</b> , 8,		2
284	Effects of Tissue Preservation on Carbon and Nitrogen Stable Isotope Signatures in Syngnathid Fishes and Prey. <i>Animals</i> , <b>2020</b> , 10,	3.1	5
283	Winter carry-over effects on spring body condition driven by agricultural subsidies to Lesser Snow Geese ( <i>Anser caerulescens caerulescens</i> ). <b>2020</b> , 15,		
282	Trophic interactions between shark species on the western coast of Baja California Sur: Inferences from stable isotopes. <b>2020</b> , 39, 101463		1
281	What Do Ecology, Evolution, and Behavior Have in Common? The Organism in the Middle. <b>2020</b> , 196, 103-118		0
280	Differentiating captive and wild African lion ( <i>Panthera leo</i> ) populations in South Africa, using stable carbon and nitrogen isotope analysis. <b>2020</b> , 29, 2255-2273		4
279	Preliminary multi analytical approach to address geographic traceability at the intraspecific level in Scombridae family. <b>2020</b> , 56, 260-279		1
278	Two Decades of Mercury Concentrations in Barents Sea Polar Bears () in Relation to Dietary Carbon, Sulfur, and Nitrogen. <b>2020</b> , 54, 7388-7397		12
277	Wildlife and infrastructure: impact of wind turbines on bats in the Black Sea coast region. <b>2020</b> , 66, 1		11
276	Cetacean Skeletons Demonstrate Ecologically Relevant Variation in Intraskelatal Stable Isotopic Values. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	7
275	Evaluation of two lipid removal methods for stable carbon and nitrogen isotope analysis in whale tissue. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8851	2.2	3
274	Exploring variability in the diet of depredating sperm whales in the Gulf of Alaska through stable isotope analysis. <b>2020</b> , 7, 191110		6
273	Camelid husbandry in the Atacama Desert? A stable isotope study of camelid bone collagen and textiles from the Lluta and Camarones Valleys, northern Chile. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228332	3.7	6
272	Density-dependent effects of mortality on the optimal body size to shift habitat: Why smaller is better despite increased mortality risk. <i>Evolution; International Journal of Organic Evolution</i> , <b>2020</b> , 74, 831-841	3.8	3

271	Tracking long-distance migration of marine fishes using compound-specific stable isotope analysis of amino acids. <b>2020</b> , 23, 881-890		14
270	Global patterns and inferences of tuna movements and trophodynamics from stable isotope analysis. <b>2020</b> , 175, 104775		8
269	Using stable isotopes to assess population connectivity in the declining European Turtle Dove ( <i>Streptopelia turtur</i> ). <b>2020</b> , 2, e152		3
268	Analysis of the Spatial Distribution of Stable Oxygen and Hydrogen Isotopes in Precipitation across the Iberian Peninsula. <b>2020</b> , 12, 481		12
267	Stable Isotope Ecology of Invasive Lionfish ( <i>Pterois volitans</i> and <i>P. miles</i> ) in Bermuda. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4-5	0
266	Quantifying nutrient re-distribution from nutrient hotspots using camera traps, indirect observation and stable isotopes in a miombo ecosystem, Tanzania. <b>2020</b> , 23, e01073		1
265	Fine-scale genetic structure in Laysan bottlenose dolphins ( <i>Tursiops truncatus gephyreus</i> ) is associated with social structure and feeding ecology. <b>2020</b> , 167, 1		5
264	Stable isotope records of sei whale baleens from Chilean Patagonia as archives for feeding and migration behavior. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 808-818	2.8	3
263	Isotopic niche partitioning in two sympatric howler monkey species. <b>2020</b> , 172, 438-446		1
262	First assessment of pollutant exposure in two balaenopterid whale populations sampled in the Svalbard Archipelago, Norway. <b>2020</b> , 718, 137327		8
261	Differences in $\delta N$ and $\delta C$ between embryonic and maternal tissues of the ovoviviparous bluntnose sixgill shark <i>Hexanchus griseus</i> . <b>2020</b> , 96, 1060-1064		2
260	Trophic ecology of Mexican Pacific harbor seal colonies using carbon and nitrogen stable isotopes. <i>PLoS ONE</i> , <b>2020</b> , 15, e0225889	3-7	2
259	$\delta^{13}C$ and $\delta^{15}N$ variation on guanacos in Tierra del Fuego: references for terrestrial foodwebs in a high-latitude island. <b>2020</b> , 12, 1		2
258	Ontogenetic shifts in trophic geography of jumbo squid, <i>Dosidicus gigas</i> , inferred from stable isotopes in eye lens. <b>2020</b> , 226, 105507		5
257	Urbanization effects on wild bee carbon and nitrogen stable isotope ratios in the Paris region. <b>2020</b> , 105, 103545		2
256	Mercury exposure in relation to foraging ecology and its impact on the oxidative status of an endangered seabird. <b>2020</b> , 724, 138131		4
255	Stable isotopes reveal year-round sexual trophic segregation in four yellow-legged gull colonies. <b>2020</b> , 167, 1		2
254	Foraging ecology drives mercury contamination in chick gulls from the English Channel. <b>2021</b> , 267, 128622		2

253	Individual variability in stable isotope turnover rates of epidermal mucus according to body size in an omnivorous fish. <b>2021</b> , 848, 363-370		1
252	Nonlethal Fin Sampling of North American Freshwater Fishes for Food Web Studies Using Stable Isotopes. <b>2021</b> , 41, 410-420		0
251	Geostatistical evaluation of the design of the precipitation stable isotope monitoring network for Slovenia and Hungary. <b>2021</b> , 146, 106263		5
250	Decadal shift in foraging strategy of a migratory southern ocean predator. <b>2020</b> , 27, 1052		7
249	Tracing sources of carbon and hydrogen to stored lipids in the migratory moth, <i>Mythimna unipuncta</i> using stable isotopes ( $\delta^2\text{H}$ , $\delta^{13}\text{C}$ ). <b>2021</b> , 46, 45-51		0
248	Altitudinal migration of insects. <b>2021</b> , 24, 35-47		2
247	Isotope-based inferences of the seasonal foraging and migratory strategies of blue whales in the eastern Pacific Ocean. <b>2021</b> , 163, 105201		3
246	Forest conversion to oil palm compresses food chain length in tropical streams. <b>2021</b> , 102, e03199		1
245	Trophic ecology of juvenile green turtles in the Southwestern Atlantic Ocean: insights from stable isotope analysis and niche modelling. <i>Marine Ecology - Progress Series</i> ,	2.6	0
244	From an economic crisis to a pandemic crisis: The need for accurate marine monitoring data to take informed management decisions. <b>2021</b> , 89, 79-114		0
243	Evidence for seasonal changes in population structure of Reed Buntings ( <i>Emberiza schoeniclus</i> ) in the Lake Neusiedl Region: a stable-isotope approach. <i>Journal of Ornithology</i> , <b>2021</b> , 162, 421-433	1.5	1
242	Individual niche trajectories in nesting green turtles on Rocas Atoll, Brazil: an isotopic tool to assess diet shifts over time. <b>2021</b> , 21,		1
241	Nutritional consequences of breeding away from riparian habitats in Bank Swallows: new evidence from multiple endogenous markers. <b>2021</b> , 9, coaa140		8
240	Applications of nuclear science and radioisotope technology in advanced sciences and scientific research (space, nuclear forensics, nuclear medicine, archaeology, hydrology, etc.). <b>2021</b> , 185-231		
239	Measurement error models reveal the scale of consumer movements along an isoscape gradient. <b>2021</b> , 12, 720-731		
238	Yellowfin tuna ( <i>Thunnus albacares</i> ) foraging habitat and trophic position in the Gulf of Mexico based on intrinsic isotope tracers. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246082	3.7	1
237	Calibration chain transformation improves the comparability of organic hydrogen and oxygen stable isotope data. <b>2021</b> , 12, 732-747		4
236	Juvenile migration of Japanese dace <i>Pseudaspius hakonensis</i> revealed in a tributary of Lake Biwa with seasonal changes in abundance and stable isotope ratios. <b>2021</b> , 68, 496		

235	Per- and Polyfluoroalkyl Substances Are Positively Associated with Thyroid Hormones in an Arctic Seabird. <b>2021</b> , 40, 820-831		4
234	Isotopic Niche Segregation among Darwin's Finches on Santa Cruz Island, Galapagos. <i>Diversity</i> , <b>2021</b> , 13, 147	2.5	0
233	Seaduck engineers in the Arctic Archipelago: nesting eiders deliver marine nutrients and transform the chemistry of island soils, plants, and ponds. <i>Oecologia</i> , <b>2021</b> , 195, 1041-1052	2.9	1
232	Migration in butterflies: a global overview. <b>2021</b> , 96, 1462-1483		7
231	Beyond bulk N: Combining a suite of stable isotopic measures improves the resolution of the food webs mediating contaminant signals across space, time and communities. <b>2021</b> , 148, 106370		9
230	Influence of fisheries on the spatio-temporal feeding ecology of gulls along the western Iberian coast. <i>Marine Ecology - Progress Series</i> , <b>2021</b> , 661, 187-201	2.6	1
229	Searchlight trapping reveals seasonal cross-ocean migration of fall armyworm over the South China Sea. <b>2021</b> , 20, 673-684		1
228	Distributions of Arctic and Northwest Atlantic killer whales inferred from oxygen isotopes. <b>2021</b> , 11, 6739		
227	Using feathers to map continental-scale movements of waterbirds and wetland importance. <b>2021</b> , 14, e12798		1
226	Hydrogen isotope assimilation and discrimination in green turtles. <b>2021</b> , 224,		0
225	Multidimensional natal isotopic niches reflect migratory patterns in birds.		
224	Temporal trends of inorganic elements in a common kestrel ( <i>Falco tinnunculus</i> ) population from south west Spain. <i>Environmental Pollution</i> , <b>2021</b> , 274, 116447	9.3	1
223	Otolith Fingerprints and Tissue Stable Isotope Information Enable Allocation of Juvenile Fishes to Different Nursery Areas. <b>2021</b> , 13, 1293		0
222	Trophic Ecology of the European Eel ( <i>Anguilla anguilla</i> ) across Different Salinity Habitats Inferred from Fatty Acid and Stable Isotope Analysis.		2
221	Stable Isotope Analysis of Specimens of Opportunity Reveals Ocean-Scale Site Fidelity in an Elusive Whale Species. <b>2021</b> , 2,		2
220	A deep dive into fat: Investigating blubber lipidomic fingerprint of killer whales and humpback whales in northern Norway. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 6716-6729	2.8	4
219	Influence of perfluoroalkyl acids and other parameters on circulating thyroid hormones and immune-related microRNA expression in free-ranging nestling peregrine falcons. <b>2021</b> , 770, 145346		2
218	A novel method for multi-trajectory reconstruction based on LoMCT for avian migration in population level. <b>2021</b> , 101319		0

217	Monitoring of mercury in the mesopelagic domain of the Pacific and Atlantic oceans using body feathers of Bulwer's petrel as a bioindicator. <b>2021</b> , 775, 145796		0
216	Compound-specific stable hydrogen isotope ( $\delta^2\text{H}$ ) analyses of fatty acids: A new method and perspectives for trophic and movement ecology. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9135	2.2	4
215	Technological advances in stable isotope analysis provide ever more insights into animal ecology. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 1394-1397	4.7	
214	The past, present, and future of herbivore impacts on savanna vegetation. <b>2021</b> , 109, 2804-2822		8
213	Intraspecific differences in metabolic rates shape carbon stable isotope trophic discrimination factors of muscle tissue in the common teleost Eurasian perch ( <i>Perca fluviatilis</i> ). <i>Ecology and Evolution</i> , <b>2021</b> , 11, 9804-9814	2.8	0
212	Application of Compound-Specific Isotope Analysis in Environmental Forensic and Strategic Management Avenue for Pesticide Residues. <b>2021</b> , 26,		3
211	The influence of feeding ecology and location on total mercury concentrations in Eurasian perch ( <i>Perca fluviatilis</i> ). <b>2021</b> , 33,		1
210	The reuse of avian samples: opportunities, pitfalls, and a solution. <b>2022</b> ,		1
209	Diet-tissue discrimination and turnover of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in muscle tissue of a penaeid prawn. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9167	2.2	2
208	Spatial and temporal diet variability of Adelie (Pygoscelis adeliae) and Emperor (Aptenodytes forsteri) Penguin: a multi tissue stable isotope analysis. <b>2021</b> , 44, 1869-1881		2
207	Intra-Body Variations of Stable Isotope Ratios ( $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ ) and Influence of Storage Methods in Aquatic and Post-Aquatic Stages of the Common Toad, Bufo bufo. <b>2021</b> , 13, 2544		1
206	Delineating the origin of migratory Northern Saw-whet Owls (Aegolius acadicus) in Indiana using stable isotope analysis. <b>2021</b> , 132,		
205	Compound-Specific Stable Isotope Analysis of Amino Acids in Pelagic Shark Vertebrae Reveals Baseline, Trophic, and Physiological Effects on Bulk Protein Isotope Records. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	2
204	Geographic variation in dispersal of western burrowing owl ( <i>Athene cunicularia hypugaea</i> ) populations across North America.		1
203	Delineating the origin of migratory Northern Saw-whet Owls (Aegolius acadicus) in Indiana using stable isotope analysis. <b>2021</b> , 132,		
202	Molecular advances in archaeological and biological research on Atlantic walrus. <b>2021</b> , 215-249		1
201	Turnover rates for muscle, mucus and ovary tissues of ayu fish ( <i>Plecoglossus altivelis altivelis</i> ) in multiple stages determined through carbon and nitrogen stable isotope analyses. <b>2021</b> , 30, 466-477		0
200	One-hundred-and-forty-one-year stable isotope record suggests changing distributions but little shift in trophic positions within a resident northern New Zealand seabird community. <i>Marine Ecology - Progress Series</i> ,	2.6	1

199	Seagrasses, Fish, and Fisheries. <b>2007</b> , 503-505		4
198	Stable Isotope Forensics as an Investigative Tool in Missing Persons Investigations. <b>2016</b> , 443-462		13
197	The Concept of Isotopic Landscapes: Modern Ecogeochemistry versus Bioarchaeology. <b>2017</b> , 27-48		5
196	Strontium Isotopes in Biological Material: A Key Tool for the Geographic Traceability of Foods and Humans Beings. <b>2018</b> , 145-166		2
195	(Micro)evolutionary Changes and the Evolutionary Potential of Bird Migration. <b>2018</b> , 109-127		2
194	Tools for Studying Biological Marine Ecosystem Interactions—Natural and Artificial Tags. <b>2009</b> , 457-492		19
193	$\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ variations in terrestrial and marine foodwebs of Beagle Channel in the Holocene. Implications for human paleodietary reconstructions. <b>2018</b> , 18, 696-707		5
192	Assessing the trophic link between seagrass habitats and piscivorous fishes. <b>2006</b> , 57, 121		21
191	Flood-induced interspecific interactions in spring-fed tributary as an ecosystem function of heterogeneous river networks.		2
190	Determining the Geographic Origin of Animal Samples. <b>2009</b> , 127-156		3
189	Burnt Human Remains Part II: Identification and Laboratory Analysis. <b>2014</b> , 171-190		14
188	Isotope analysis reveals foraging area dichotomy for atlantic leatherback turtles. <i>PLoS ONE</i> , <b>2008</b> , 3, e1845	3-7	57
187	A method for investigating population declines of migratory birds using stable isotopes: origins of harvested lesser scaup in North America. <i>PLoS ONE</i> , <b>2009</b> , 4, e7915	3-7	91
186	Trophic structure in a seabird host-parasite food web: insights from stable isotope analyses. <i>PLoS ONE</i> , <b>2010</b> , 5, e10454	3-7	22
185	Tracking cats: problems with placing feline carnivores on $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ isoscapes. <i>PLoS ONE</i> , <b>2011</b> , 6, e24601	3-7	41
184	The nature of the dietary protein impacts the tissue-to-diet $^{15}\text{N}$ discrimination factors in laboratory rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e28046	3-7	43
183	Carbon and nitrogen isotopic survey of northern peruvian plants: baselines for paleodietary and paleoecological studies. <i>PLoS ONE</i> , <b>2013</b> , 8, e53763	3-7	88
182	Harbour porpoises <i>Phocoena phocoena</i> in the eastern Scheldt: a resident stock or trapped by a storm surge barrier?. <i>PLoS ONE</i> , <b>2013</b> , 8, e56932	3-7	3

181	Stable isotope and signature fatty acid analyses suggest reef manta rays feed on demersal zooplankton. <i>PLoS ONE</i> , <b>2013</b> , 8, e77152	3.7	66
180	Is Bocourt's terrific skink really so terrific? Trophic myth and reality. <i>PLoS ONE</i> , <b>2013</b> , 8, e78638	3.7	3
179	Stable isotopes provide insight into population structure and segregation in eastern North Atlantic sperm whales. <i>PLoS ONE</i> , <b>2013</b> , 8, e82398	3.7	25
178	Trophic discrimination factors of stable carbon and nitrogen isotopes in hair of corn fed wild boar. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125042	3.7	10
177	Dispersal and Diving Adjustments of the Green Turtle <i>Chelonia mydas</i> in Response to Dynamic Environmental Conditions during Post-Nesting Migration. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137340	3.7	18
176	Using Stable Isotopes to Infer the Impacts of Habitat Change on the Diets and Vertical Stratification of Frugivorous Bats in Madagascar. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153192	3.7	10
175	Geographical Area and Life History Traits Influence Diet in an Arctic Marine Predator. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155980	3.7	23
174	Diet overlap and spatial segregation between two neotropical marsupials revealed by multiple analytical approaches. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181188	3.7	10
173	Tracing gestation and lactation in free ranging gray whales using the stable isotopic composition of epidermis layers. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240171	3.7	5
172	A two-variable approach used to distinguish between aphids (Hemiptera: Aphididae) that were reared on different varieties of cotton. <b>2015</b> , 112, 426-431		1
171	Variation in Stable Hydrogen Isotope Values in a Wetland-Associated Songbird. <b>2018</b> , 41, 247-256		3
170	Variability of stable nitrogen isotopic baselines and its consequence for trophic modeling. <b>2010</b> , 22, 8-20		5
169	Hair Growth in Brown Bears and Its Application to Ecological Studies on Wild Bears. <b>2020</b> , 45,		2
168	Effects of lipid extraction on the isotopic values of sea turtle bone collagen. <b>2015</b> , 23, 191-199		22
167	Utilization of different macroalgae by sea cucumber <i>Apostichopus japonicus</i> revealed by carbon stable isotope analysis. <b>2016</b> , 8, 171-178		3
166	Fatty acid stable isotope signatures of molluscs exposed to finfish farming outputs. <b>2016</b> , 8, 611-617		9
165	Mother-offspring stable isotope discrimination in loggerhead sea turtles <i>Caretta caretta</i> . <b>2012</b> , 17, 133-138		18
164	Stable isotopes reveal regional heterogeneity in the pre-breeding distribution and diets of sympatrically breeding <i>Pygoscelis</i> spp. penguins. <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 421, 265-277	2.6	39

163	Migratory dichotomy and associated phenotypic variation in marine turtles revealed by satellite tracking and stable isotope analysis. <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 421, 291-302	2.6	112
162	Associations in ephemeral systems: the lack of trophic relationships between sandhoppers and beach wrack. <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 426, 253-262	2.6	16
161	Inter-specific and ontogenic differences in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values and Hg and Cd concentrations in cephalopods. <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 433, 107-120	2.6	53
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150	Trophic niche partitioning among sympatric baleen whale species following the collapse of groundfish stocks in the Northwest Atlantic. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 497, 285-301	2.6	47
149	Distribution patterns and foraging ground productivity determine clutch size in Mediterranean loggerhead turtles. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 497, 229-241	2.6	28
148	Habitat utilization patterns determine the physiological condition of <i>Cynoscion regalis</i> during estuarine residency. <i>Marine Ecology - Progress Series</i> , <b>2014</b> , 510, 87-99	2.6	8
147	Connectivity and movements of juvenile predatory fishes between discrete restored estuaries in southern California. <i>Marine Ecology - Progress Series</i> , <b>2015</b> , 520, 191-201	2.6	11
146	Ontogenetic dietary changes in male South American fur seals <i>Arctocephalus australis</i> in Patagonia. <i>Marine Ecology - Progress Series</i> , <b>2015</b> , 525, 245-260	2.6	33



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144	Effect of marine protected areas (MPAs) on consumer diet: MPA fish feed higher in the food chain. <i>Marine Ecology - Progress Series</i> , <b>2015</b> , 540, 227-234	2.6	14
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142	Linking small pelagic dietary shifts with ecosystem changes in the Gulf of Lions. <i>Marine Ecology - Progress Series</i> , <b>2016</b> , 554, 157-171	2.6	35
141	Trophic niche and spatio-temporal changes in the feeding ecology of two sympatric species of coral trout ( <i>Plectropomus leopardus</i> and <i>P. laevis</i> ). <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 563, 197-210	2.6	11
140	Spatial and temporal variability within marine isoscapes: implications for interpreting stable isotope data from marine systems. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 568, 31-45	2.6	26
139	Facultative oligohaline habitat use in a mobile fish inferred from scale chemistry. <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 598, 233-245	2.6	11
138	Using stable isotopes to investigate foraging variation and habitat use of sperm whales from northern Peru. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 579, 201-212	2.6	11
137	Satellite tracking and stable isotope analysis highlight differential recruitment among foraging areas in green turtles. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 582, 201-214	2.6	27
136	Identification and stable isotope analyses of flying fish scales from ornithogenic sediments at three islands in the South China Sea. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 585, 175-183	2.6	5
135	Temporal consistency of individual trophic specialization in southern elephant seals <i>Mirounga leonina</i> . <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 585, 229-242	2.6	8
134	Pacific herring spawn events influence nearshore subtidal and intertidal species. <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 595, 157-169	2.6	11
133	From migrants to mossbacks: tracer- and taginferred habitat shifts in the California yellowtail <i>Seriola dorsalis</i> . <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 597, 221-230	2.6	6
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131	Limited latitudinal ranging of juvenile whale sharks in the Western Indian Ocean suggests the existence of regional management units. <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 601, 167-183	2.6	19
130	Stable isotopes ( $\delta^{15}N$ , $\delta^{13}C$ , $\delta^{45}S$ ) in skin reveal diverse food sources used by southern right whales <i>Eubalaena australis</i> . <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 603, 243-255	2.6	10
129	Isotopic niche and resource sharing among young sharks ( <i>Carcharodon carcharias</i> and <i>Isurus oxyrinchus</i> ) in Baja California, Mexico. <i>Marine Ecology - Progress Series</i> , <b>2019</b> , 613, 107-124	2.6	17
128	Ontogenetic trends in resource partitioning and trophic geography of sympatric skates (Rajidae) inferred from stable isotope composition across eye lenses. <i>Marine Ecology - Progress Series</i> , <b>2019</b> , 624, 103-116	2.6	11

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124	Neonatal nutritional strategy of a viviparous elasmobranch with extremely low reproductive output. <i>Marine Ecology - Progress Series</i> , <b>2020</b> , 638, 107-121	2.6	9
123	Diet and recruitment of green turtles in Fiji, South Pacific, inferred from in-water capture and stable isotope analysis. <i>Marine Ecology - Progress Series</i> , <b>2020</b> , 640, 201-213	2.6	9
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117	Patrones de uso del hábitat de la centolla <i>Maja brachydactyla</i> mediante el uso de isótopos estables. <b>2009</b> , 73,		1
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